The HEMIST AND DRUGGIST

RETAILER -MANUFACTURER WHOLESALER — JUNE 9, 1951



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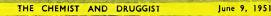


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CHEMIST AND DRUGGIST

for RETAILER — WHOLESALER — MANUFACTURER

JUNE 9, 1951

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NEWS OF THE WEEK

Pest Control Association Officers.—The llowing officers will serve the Industrial st Control Association for the year 51-52:—President, Mr. S. W. Hedgcock; ice-president, Mr. Duncan R. Leich and reasurer, Mr. S. F. Sprange.

Minister Accepts Conference Invitaon.—The Minister of Health (Mr. H. A. Iarquand) has accepted an invitation of the local British Pharmaceutical Conference Committee to attend the Conference anquet in Harrogate on September 11. He ill propose the toast of the Conference.

Insurance Cards Exchange. — Mauve B" National Insurance cards should be changed for new cards at any local ational Insurance Office by June 9. In future only those contributors who have ot a full record of contributions for the car will receive a statement of contributions.

Festival Medical Lectures.—A series of ectures on medicine in Britain organised by the British Medical Association and the coyal Society of Medicine to mark the

Festival year was opened at the Society's Wimpole Street, London, headquarters, by Lord Athlone on June 4. The lectures will cover twenty-seven branches of medicine, and are open to all workers in medicine and kindred sciences.

Key Industry Duty Exemptions. — A new Order (S.I., 1951, No. 946) has been made exempting the following articles from Key Industry Duty for the period June 4 to August 19: Ammonium bromide; dichlorodiphenyltrichloroethane; diethylaminoethyl alcohol; 4:6-dinitro-ocresol (OH=1) (a nitrocresol); lithium chloride; p-nitroaniline; 2-nitrodiphenylamine; p-toluenesulphonamide; and triethanolamine.

Staff Bonus Increased.—Mr. Ian Fergusson (chairman and managing director of Evans Medical Supplies, Ltd.) announced during his annual address to the staff on June 1 that, as a result of increased sales and output during 1950, an increased staff bonus is being paid to employees this year. Long service awards were made to seventeen employees, with a combined service

of 565 years, bringing the total of such awards made during the past eight years to 335.

Drugs from Hospital Stores. — The Minister of Health has issued a memorandum to hospital boards on the practice of allowing members of staffs to purchase goods from hospital stores. In an emergency, it states, drugs and surgical requisites required by doctors may be supplied, but they must be paid for at replacement cost. Drugs, etc., may also be provided from dispensaries when prescribed by members of the medical staff. With certain other exceptions, goods of any description, either free or on payment, may not be supplied to hospital staffs, whether lay or professional.

Association of Scientific Workers .- The thirty-fourth annual council of the Association of Scientific Workers was held in London on May 26 and 27; 113 branches were represented. Mr. N. J. Van Abbé, Ph.C., attended for the London Pharmacists' branch. The council endorsed a report calling for the ending of compulsory arbitration, the Conditions of Employment and National Arbitration Order, 1940; stressed the need for greatly increased trade-union recruitment as the essential prerequisite for new successes in negotiations; and adopted a resolution expressing concern at the decline in real salaries of scientific and technical staffs. It called for energetic action to secure all-round increases of the order of 20 per cent. on present salaries.

Price-maintenance Deputation.—A deputation representing the Fair Prices Defence Committee was received by Sir Hartley Shawcross at the Board of Trade on May 29, when a private and confidential discussion took place. The visit was the outcome of a letter sent to the Minister on May 11 by the chairman of the Fair Prices Defence Committee (Mr. H. E. Chapman) who suggested that, as Sir Hartley had now become responsible for dealing with the subject, he might like to make personal contact with the representatives of the organisations primarily concerned before deciding on the final draft of the White Paper setting out the Government's proposals on Resale Price Maintenance. The deputation consisted of Mr. H. E. Chapman, Mr. H. W. Holt, Mr. W. Herman Kent, Mr. G. A. Mallinson and Mr. E. C. Pearce, accompanied by the secretary (Miss H. E. Hobbs).

LOCAL NEWS

Manufacturer's Staff Outing.—The armual staff outing of Cuxson, Gerrard Co., Ltd., Oldbury, Birmingham, was he on May 26, the party of 600 going train to Southport. The arrangements we made by the company's social committee

Factory Fire in Manchester.—A serior fire broke out in the premises of Willia Mather, Ltd., surgical dressings manufa turers, Dyer Street, Manchester, on Ma 23, completely gutting a considerable potion of the factory and causing a delay some months before the company will able to resume production. A girl employ with slight burns was the only casualty.

Invitation to Conference for 1954. It was decided at the annual meeting the Aberdeen and North-east Scotti Branch of the Pharmaceutical Society, invite the British Pharmaceutical Confence to hold its meetings in Aberdeen 1954. The following officers were electe Chairman, Mr. John Simpson; Vice-chaman, Mr. W. A. Park; Secretary, Mr. S. Taylor, 49 Gladstone Place, Aberdee Treasurer, Miss E. M. Ewen.

Dartford Members' Night.—At a me ing of the Dartford Branch of the Pharn ceutical Society on May 29, short pap were read by members as follows:—"TEarly History of Aseptic Methods," by M. P. Farles; "Atropine Methonitrat by Mr. G. H. Sheard; "Some Non-tenical Impressions of an American Tou by Mr. L. G. Murphy and "Some Histical Aspects of Dartford Parish Churc by Mr. H. Fenton. Three short sound fiwere also shown.

Branches Join for Outing.—The E-bourne Branch of the Pharmaceut Society arranged for members of Brighton and Home, Reigate and Red and Worthing Branches to meet E-bourne members at Leonardslee Garde Horsham on May 23. About ninety me bers sat down to tea there, and w welcomed by Mr. George Checkley (ch man, Eastbourne Branch). Apologies absence were received from Hastings Tunbridge Wells Branches. It is ho to hold a similar social each year.

Moves to Extend Chemists' Hours. a meeting of the Hounslow chamber commerce held in Hounslow on May was suggested that Hounslow chem should set up a twenty-four hour dispe g service at a local clinic to cope with rgent out-of-normal-hours prescriptions. he matter was referred to the local execuve committee.—The Isle of Ely Executive ouncil, at a meeting held at March on lay 9, rejected a request made by the everington parish council for chemists in Visbech to stay open until 7.30 p.m.

Portsmouth Annual Meeting .- At the nnual meeting of the Portsmouth Branch f the Pharmaceutical Society an address n liquor quininæ ammoniatus was given y Mr. A. L. Williams, F.R.I.C. (public nalyst, City of Portsmouth). Mr. Williams aid that he had conducted experiments n the preparation and found it was imossible to prepare according to the Brish Pharmaceutical Codex monograph so hat it remained within the specified limits f ammonia content. Either the quantities n the monograph should be amended or he limits of standardisation altered. lso drew the members attention to the act that quininæ sulphas, B.P., 1948, conained only two molecules of water, gainst seven and a half molecules of vater in the B.P., 1932. During the dis-ussion, Mr. P. G. Howes reported on ome experiments that he had carried out n conjunction with Mr. Williams to ascerain the effects of storage on liquor juininæ ammoniatus. They found that the only satisfactory bottle closure for the preparation was a rubber bung.

Golfers' Twenty-first Celebration .-The golf section of the Birmingham Pharnaceutical Association celebrated its comng of age recently with a dinner at the annual presentation of trophies. The presilent (Mr. G. Walker) presided. Mrs. Walker presented the trophies and souvenir tankards to the 1950 winners. The toast of "The Birmingham Association and Golf Section" was proposed by Mr. F. L. Dent. Responding, Mr. D. J. Rushton outlined the changes that had taken place during the section's existence. "The during the section's existence. "The Donors" was proposed by Mr. R. J. B. Shelley, to which Mr. C. K. Gregory (Ucal, Ltd.) replied. Other speakers included Messrs. A. V. Sorge and R. Spargo. The following received prizes which they had won during 1950:—Messrs, F. L. Dent (Ucal cup); W. O. Payne (Andrews salver, and Association prize for best five cards' aggregate); W. R. Pitt (twenty-first year plaque); R. J. B. Shelley (Coty cup); A. V. Sorge (Burgoyne cup); R. D. Tuck (Southall and Potter & Moore cups); and A. Wyse (Cuxson bowl and W. O. Payne's prize).

Edgware Joint Meeting. — At a joint meeting of the Hendon and Edgware Branches of the Pharmaceutical Society and of the National Pharmaceutical Union recently, Mr. H. Timmington, B.Pharm., Ph.C. (W. J. Bush & Co., Ltd.), gave an address entitled "Microbiology: the Last Fifteen Years." Mr. Timmington described some work he had done on the bactericidal effect of some of the chlorocresols. The work involved the making of hundreds of small pipettes of even bore in order that a standard drop could be obtained. At the time of the Burma campaign, packages were tested for permeability to bacteria and moulds and for indestructibility, and it was found that the use of a bituminised emulsion plus copper naphthenate improved the chances of keeping the con-The time-honoured unharmed. tents method of washing with running water and bottle brush, he said, did not produce bacteriologically clean bottles, but the addition to the washing water of a small amount of one of the quaternary ammonium compounds resulted in a very good degree of freedom from bacteria.

SCOTTISH NEWS

Aberdeen Staff Outing.—The staff of Moore Medicinal Products Ltd., Aberdeen, visited Linn of Dee, and Spital of Glenshee for its annual outing held on June 3. Lunch, at Braemar, was presided over by the chairman, (Councillor T. Scott Sutherland).

Chemists' Golf.—Glasgow retained the J. F. MacFarlan trophies in the inter-city match played recently over Buchanan Castle golf course, Drymen. The singles were halved (ten matches each), and Glasgow won the foursomes by six-and-a-half matches to three-and-a-half.

Edinburgh Sales Conference.—A two-day sales conference of executives and representatives of Duncan Flockhart & Co., Ltd., Edinburgh and London was held in Edinburgh recently. At a dinner to celebrate the occasion, the guests included Brigadier C. Norton Stafford, Dr. A. Nelson and Mr. J. A. Walker.

N.H.S. in Ayrshire.—The following statistics relate to prescriptions dispensed by chemists under contract to the Ayrshire Executive Council during the year ended March 31:—Prescription forms dis-

pensed, 898,602; advance payments made to chemists, £256,233, (£20,730 more than in the previous year). Cost per person of the population based on advance payments, 15s. 7d.

N.H.S. in Lothians and Peebles. -- The report of the Lothians and Peebles Executive Council for the year ended March 31 records eighty-two pharmacies, three suppliers of appliances and two dispensing doctors on the Council's list. Payments to chemists during the year amounted to £154,617. Final settlements have been made for the months July 1949 to September 1949 (which were priced on an averaging basis) and for April 1950 (which was priced in full). Payments on account have been made for the months March 1950 to January 1951. Prescription forms dispensed numbered 606,378—an increase of 61,173 over the previous year-and an average of approximately 2.44 prescriptions to each person on doctors' lists.

IRISH NEWS

Prize-winning Window.—John Clarke & Co., Ltd., 8 Donegall Square West, Belfast, were awarded first prize in the chemist and druggist section of a window-dressing competition promoted by the Belfast chamber of trade in connection with the local civic week.

Lecture to Dublin Students.—A lecture on "Poisons" was given in Dublin recently by Dr. Evin C. Dowling. The lecture, which was under the auspices of the Irish Pharmaceutical Students' Association, was attended to overflowing. It was followed by a film. A vote of thanks to the lecturer was given by Mr. P. S. O'Brien (president of the Association).

Ulster Chemist Bowlers.—The Ulster Chemists' Association bowlers held their second annual tournament at the Belfast Bowling Club's green on May 30, led by their president (Mr. Joseph Ritchie (a former member of the Irish Bowling Association Council, and a former president of the Private Greens' League and the Cliftonville Club, Belfast). The members were welcomed by Mr. William Young on behalf of the Belfast Club, and Mr. Ritchie replied. The president of the U.C.A. (Mr. C. A. Quinn) was also present. The prizes, distributed by Mrs. Ritchie, were awarded as follows:— Jay-Bee Challenge cup, Mr. J. A. McRoberts; Ucal tankard, Mr. G. Hamilton; President's prize (an

electric clock), J. C. Acheson; casly voucher, Mr. J. M. Gorman, Lurgar Visitors' prizes went to:— Mr. F. J. Kirk patrick (Parker pen), Councillor J. W. Lindsay (dressing set), J. M. Finlay and Hugh Crail (vouchers). Gifts were also made to the ladies who prepared tea The prizes were presented by J. B. Products, Ltd., Ucal, Ltd., Dobbin and Stewart, Ltd., Thomas McMullan and Co. Ltd., S. Haydock, Ltd., Mr. J. C. Gaw and the president, Proceeds from a tournament, for a cup presented by Mrs. W. Esler, in aid of the Northern Ireland Chemists' Benevolent Fund realised £13 25 It is hoped to repeat the tournament late in the season.

Irish Drug Association.—At a meetin of the committee of the Irish Drug Asso ciation held in Dublin, recently, Mr. D Woulfe (president) in the chair it wa reported that an agreement had bee reached with the chemists' branch of th Workers' Union of Ireland regarding con ditions of employment and rates of pa of employees retrospective to March 10 Pay increases were similar to those agree upon with the Irish Union of Distributiv Workers and Clerks. The committee considered a report of a subcommittee conficers of both the Association and the Pharmaceutical Society of Ireland, which recently met the president of the Pharma ceutical Society of Ireland and a representative of the Ulster Chemists' Associatio to discuss the possible operation of Mother and Child Welfare scheme in th Republic. The difficulties experienced b chemists in Northern Ireland in operatin the National Health Service Act were ex plained by the visiting chemists, who sug gested lines upon which a scheme migh be formulated for presentation to the Eir Department of Health. The Norther chemists' visit was much appreciated an was stated to have been of immense helto the Association. The following new members were elected: Messrs, E. Browne M.P.S.I., Fatima Mansions, Rialto, Dub lin; T. W. Duffy, M.P.S.I., Ballinlough co. Roscommon; S. E. Fox, M.P.S.I g Church Street, Athlone; Irish Chemics Industries, Dungarvan, co. Waterford Mrs. M. MacCarthy, M.P.S.I., 93 Olive Plunkett Street, Cork; Messrs. P. O'Farrel Templeshannon, Enniscorthy D. F. O'Hare, M.P.S.I., 38b South Rich mond Street, Dublin; J. O'Keefe, M.P.S.I. Dingle, co. Kerry and J. Quinn, M.P.S.I. Ballinasloe, co. Galway.

TOPICAL REFLECTIONS

H.S. in Northern Ireland

National Health Service items make up considerable part of the news in your ie of June 2. As the Northern Ireland alth Service receives two mentions (pp. 5, 719), we will look at it first. On by 24 the Minister of Health and Local vernment was able to announce that number of prescriptions for March si showed a reduction of 16 per cent. npared with the corresponding month 1950. This satisfactory result has been ained, it appears, by judicious advice. me illegible prescriptions have been alt with by pointing out their inefficiey. From p. 719 we learn that a rive" has been set in motion to abolish "hieroglyphics" for fluid ounce and d drachm, and to discontinue the of Roman numerals. That strikes e as a large undertaking considerthe conservatism of the medical ofession in such matters. Admittedly symbols for fluid ounce and fluid chm have not been invariable in all intries from the beginning of recorded ne. In your Annual Special Issue of ne 25, 1927, for instance, a facsimile m a Welsh mediæval manuscript (p. 815) wed that of the signs for scruple, schm, ounce and pound only the first s its present form. The drachm is indied by two crescents with the concave es facing, the ounce by a sign resemblthat of the present drachm, and the und (of twelve ounces) by a capital S. t having noted this, we must recognise at in the English-speaking world the nbols for the four weights named are iform.

spitals and Health Centres

The address of Dr. H. Davis (Chief armacist, Ministry of Health) delivered ently in Manchester (p. 719) should, you suggest, be read in conjunction with paper from a Ministry of Health Bulleabstracted in your issue of March 10, 300-03. That paper contained valuable tistics of deviations from prescribed antities found in numerous samples of pensed medicine. In your issue of March I pointed out that, as a whole, the ta confirm the favourable view of panel pensing expressed by a former Minister Health several years ago. On reading. Davis's remark that the greatest task psychological medicine is "to wean the

patient from his bottle," I had a short laugh, as it happens that a local medical practitioner who still does some dispensing has just sent an 3viij mixture to one of his patients, who is a pharmacist. State-ments of this kind are half-truths. We all know, or should know, by now the risk of deterioration in aqueous medicaments kept standing in odd places in a patient's house. Nevertheless, in the case of a mixture quickly used, the ingredients may be such that no appreciable loss of strength occurs. Here, again, the medical conservatism mentioned in the preceding paragraph may prove a tough snag in the path of the radicals. The report of the Central Health Services Council for 1950, summarised on p. 699, appears to be discreet but colourless.

National Book League Exhibition

An exhibition that no intelligent person should miss has been arranged by the National Book League at the Victoria and Albert Museum. Its very high quality is largely due to the fact that many of the exhibits have never, or virtually never, been allowed out of the custody of their owners. All I have space for is a mention of some representative scientific books, with their dates, William Gilbert's "De Mag-nete" (1600) and William Harvey's "De Motu Cordis" (1628) remind us that in the Elizabethan and Jacobean periods British science was marked by original work. Robert Boyle is represented by "The Sceptical Chymist" (1661), Robert Hooke by "Micrographia" (1665), John Ray by "Methodus Plantarum Nova" (1682). Sir Isaac Newton has, as is fitting, three exhibits, including "Opticks" (1704). Joseph Priestley's "Experiments and Observations on Different Kinds of Air," in three volumes (1774-77), indicate the range of his research. The manuscript draft of Edward Jenner's "An Inquiry into the Causes and Effects of the Variolae Vaccinae" (1798) is a memorandumthat madehistory. JohnDalton's "A New System of Chemical Philosophy (1808) brings us nearer to our own mental climate. Two volumes of Michael Fara-day's "Experimental Researches in Electricity" (1839-44) remind us of his importance in the chain of discovery. Charles Darwin's "Origin of Species" (1859) is supplemented by two leaves, much corrected of his first manuscript draft. I missed Sibthorpe's "Flora Graeca." Xrayser

COMPANY NEWS

THOMAS TYRER & Co., LTD.—Mr. A. W. R. Chandler and Dr. J. S. Pedder have been appointed joint managing directors on the retirement of Mr. W. Turcan.

BAYER PRODUCTS, LTD. — Mr. L. M. Spalton, B.Pharm., M.P.S., has been appointed a director. Mr. Spalton will continue to supervise pharmaceutical and veterinary sales in Great Britain and Eire.

F. W. Berk & Co., Ltd.—Net profit for 1950 after taxation amounted to £148,286 (against £144,464). To replacement reserve, £50,000 (£50,123); general reserve, £38,508 (nil); distribution for the year, 28½ per cent. on increased capital; carried forward, £110,969 (£82,286).

T. W. Salmon & Son, Ltd.—The directors state that the liquidation (see C. & D., May 19, p. 634) was undertaken entirely for reconstruction purposes and two new companies have been incorporated (C. & D., May 12, p. 602), with a greatly increased nominal capital; they are trading under the names of T. W. Salmon & Son, Ltd., 38 High Street, Stockton-on-Tees, and Wm. Salmon & Co. (Norton), Ltd., 41 High Street, Norton-on-Tees under the same management, the same ownership and the same staffs.

EVANS MEDICAL SUPPLIES, LTD.—In his annual statement, Mr. Ian V. L. Fergusson (chairman) says: "The latest financial legislation makes it unattractive and even economically unsound to raise fresh money by ordinary or preference share capital since dividends on this attract 50 per cent. profits tax, whilst interest on loan capital attracts no tax and, in fact, is allowed as a charge against profits before assessment of these for profits tax or income tax. In giving consideration to our need for further capital we are bound, therefore, to pay regard at this time to the attractions of loan capital."

Amber Chemical Industries, Ltd.—Accounts for the year to December 31, 1950, show that the group sustained a loss of £27,912 (against a profit before taxation of £19,552 in the previous year). No ordinary dividend is proposed (compared with 10 per cent. in 1940) and an adverse balance of £13,207 is carried forward. The chairman (Mr. Arthur Mortimer, M.P.S.) states that the adverse balance has been eliminated in the first three months of the current year's trading. The directors have

taken steps to eliminate all sources f future loss arising from redundant sto; and have discontinued the sales of pact pharmaceutical specialities. In the chemical field, production difficulties he continued. Production of industrial checals has increased.

New Companies

BRITISH CHEMICALS & BIOLOGICALS PORT), LTD. (P.C.).—Capital £100. It directors are to be appointed. R.O.: I vest House, Ipswich, Suffolk.

John Baxter (Chemists), Ltd. (P. —Registered in Edinburgh, Call £4,000. To carry on the business of material chemistry, wholesale and retail chemistry. John Baxter, M.P.S., director. R. 242 Main Street, Cambuslang.

K. Newberry (Chemists), Ltd. (P. —Capital £100. To carry on the busis of wholesale or retail chemists, etc. Ineth Newberry and Christine W. Neberry, directors. R.O.: 3 Market P., Evesham, Worcesters.

NORMAN V. HUMPHREY & Co., 1 (P.C.).—Capital £2,000. To acquire business of a dispensing chemist carried by Norman V. Humphrey at Hi Portsmouth. Norman V. Humphrey M.P.S., Geraldine C. Humphrey George S. K. Le Marinel, directors. R : 402 London Road, Hilsea.

JOHNSON & JOHNSON (DRESSINGS), (P.C.).—Capital £100. To acquire business of manufacturers, importers, porters, and retailers of and dealer surgical dressings and other surgical resites now belonging to and forming of the undertaking of Johnson & John (Gt. Britain), Ltd. First directors at the appointed. Solicitors: Freshfield Bank Buildings, Princes Street, Londan E.C.2.

J. F. MacFarlan & Co., Ltd. (P.C Capital £125,000. To enter into an alment between David R. Brown, Nicc Brown, Hugh Brown, Mary W. C. Du and Catherine P. Parsons, and to carrenthe business of research and manufaing chemists, importers and exporters, D. Rainy Brown, B.A. (chairman and managing), N. Rainy Brown (deputy c man and joint managing), R. H. Ma and F. J. Bolton, B.Sc., F.R.I.C., direct R.O.: 8 Elstree Way, Boreham W. Herts.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

HERBERT WILLIAMS moved a prayer May 29 to raise a discussion on the er increasing sulphuric acid prices, in course of which he said he had been by a manufacturer of plants to deal pyrites and anhydrite that they could delivered in six months, but that it took years before the plant could be in duction. In reply Mr. H. RHODES liamentary Secretary to the Board of de) said that an increase in the selling e of acid benefited all manufacturers. producer of acid from sulphur for sale ised a higher rate of profit and there-, with a greater increased price, he ht well prefer to continue to operate his it at a reduced capacity on a higher isation, as and when sulphur supplies e cut, than to incur heavy expenditure new plant.

he prayer was negatived.

ears to Scottish Chemists

IR THOMAS MOORE asked the Secretary Scotland on May 29 what were the ounts outstanding and not yet paid in ect of completed prescriptions to the mists of Scotland. Mr. HECTOR MCNEIL retary for Scotland): The aggregate ount now outstanding for prescriptions ensed by nearly 2,000 chemists before end of 1950 is not thought to exceed ,000.

tors' Tax Concession

IR. H. N. LINSTEAD asked the Chancelof the Exchequer on May 29 on what ditions he permitted visitors to Britain btain goods free of purchase tax if they for them in U.S. dollars.

IR. HUGH GAITSKELL: Relief from tax goods bought in this country by overseas ors is not conditional on payment in ign currency at the time of purchase.
following are the facilities available: ler the Personal Export scheme, per-il or household goods of £5 or more value, bought by any overseas visitor free of tax if delivered by the trader the port or airport from which the or leaves this country and exported as enger's baggage. Alternatively any or may have goods sent by a registered chase tax trader direct to an address ad, free of tax. A visitor holding a or Canadian passport when changing American or Canadian dollars at a may obtain purchase tax coupons at

the rate of five coupons for each £15-worth of dollars exchanged. Each coupon permits him to buy for immediate delivery up to £1-worth of taxable goods, with certain exceptions, at a tax exclusive price, provided the goods are for his own or his family's personal use, and are to be taken abroad within three months of purchase. The visitor is asked to sign a brief declaration to this effect.

Analgesia in Scotland

Mr. Peter Thorneycroft asked the Secretary for Scotland on May 29 whether he was aware that midwives in Berwick county had no gas-and-air analgesia machines and that no order had been placed for any. Mr. Hector McNeil said that his Department had arranged further discussions with the county council to expedite the supply of the machines.

LEGAL REPORT

Unlawful Possession Case Dismissed.
—In a case under the Dangerous Drugs Act at Portadown, Northern Ireland, petty sessions on May 28, a woman was charged with being unlawfully in possession of thirty ampoules of pethidine. The Crown solicitor, who prosecuted, said that the woman was entitled to a certain amount of the drug under a prescription for six ampoules issued by Dr. Gillespie, Tynan, on August 5, 1950. The allegation was that the figure was altered to thirty-six before being taken to Stewart & Chapman, Dungannon, so as to be dispensed. Dr. Gillespie said, in evidence, that he had prescribed the drug for the defendant on two occasions. The prescription of August 5 was for six ampoules but he observed that the prescription now read thirty-six. In crossexamination, he said it was possible he had prescribed six but on second thoughts had altered it to three without striking out the original figure. He had never come across a case of a patient wanting more than six ampoules and had never had an addict of that drug. Evidence was also given by Isaac Chapman, who dispensed the pre-scription, and J. A. Patterson (pharmacy inspector) who interviewed the defendant. After the solicitor for the defendant had submitted that a mistake could have been made in the issue of the prescription, the case was dismissed on the merits, £3 3s. costs being awarded.

DEATHS

FREEMAN. — Recently, Mrs. May Freeman (widow of the late Mr. Andrew J. Freeman, M.P.S., Broadway, Newbury), Hermitage, Berks, aged sixty-nine.

GEDDES.—On May 9 Mr. Charles Geddes, M.P.S., 341 Torquay Road, Paignton, Devon. Mr. Geddes qualified in 1908.

PARRY.—Recently, Mr. Dan J. Parry. Mr. Parry was for many years on the staff of Aerograph Co., Ltd., Lower Sydenham, London, S.E. 26, where he was connected with the sale of DeVilbiss medicinal atomisers and perfume sprays.

Sanderson.—On May 25, Mr. Richard George Sanderson, M.P.S., 12 Woodhouse Road, Hove, 3, Sussex, aged fifty-four.

Shaw.—On May 26, Mr. Richard Garfield Shaw, M.P.S., 93 Dewsbury Road, Leeds, 11. Mr. Shaw qualified in October, 1907.

WILLS

Mr. D. Dawson, M.P.S., 20 Woodhouse Avenue, Fartown, Huddersfield, formerly of 9 Kennedy Avenue, Fixby, Huddersfield, left £2,471 (£2,423 net).

MR. G. E. BALDRY, M.P.S., The Hill Avenue, Worcester (proprietor of Acton's dispensing chemists, Cornmarket, Worcester), left £24,027 (£21,508 net).

MR. G. S. BURTON, M.P.S., 9 Kew Road, Weston-super-Mare, Somerset, and 215 Gloucester Road, Bristol, left £11,198 (£3,221 net).

Mr. F. A. Westbrook, M.P.S., 20 Little Sutton Lane, Sutton Coldfield, Warwickshire, formerly of Thrybergh, Rotherham, Yorks, left £15,825 (£15,726 net).

Mr. S. Anderson, 74 Gray Street, Aberdeen, for many years a representative of William Paterson & Sons (Aberdeen), Ltd., left £3,599.

Mr. P. Horne, M.P.S., 2 Linchmere Avenue, Saltdean, Sussex, formerly of High Street, Swanley, Kent, left £6,593 (£6,524 net).

Mr. H. R. Manning, M.P.S., 274 Portobello Road, London, W.10 (for nearly fifty years in business as Horsley & Co.), left £11,378 (£10,948 net).

Mr. R. G. Hook, M.P.S., 15 Wear Bay Road, Folkestone, Kent (a director of R. G. Hook, Ltd., Dover Road, Folkestone), left £9,575 (£8,816 net). Mr. C. Tedcastle, M.P.S., 9 Wood le Road, Morden, Surrey, and 9 Tulse | London, S.W.2, left £12,022 (£11), net).

Mr. R. J. M. Sennitt, M.P.S., The etreat, Sandgate Lane, Storrington, Supparant 12 The Mall, Ealing, London, left £9,766 (£7,249 net).

MR. R. J. H. DAY, M.P.S., 332 linghall Road, Bradford, Yorks, for ny years in business in Kirkgate Matt Bradford, left £4,067 (£4,025 net).

Mr. A. H. J. Taylor, M.P.S., War Cottage, Dyserth, Flints (a pharmaciant the Eye, Ear and Throat Hospital, Shralbury), left £1,122.

MR. J. H. LUPTON, M.P.S., 22 G1 reliffe Drive, Clifton, York (for many 3 secretary of the York Chemists' Assistion), left £11,351 (£10,298 net).

MR. W. WILLIAMS, Ph.C., 105 Co 1-1 shaw Road, West Ealing, London, V 3, and 187 Draycott Avenue, Chelsea, London, S.W.3, left £9,839 (£9,788 net).

MR. F. STOREY, 21 Carrholm Me t, Leeds, shop manager for Reynolds & F 1son, Ltd., manufacturing chemists, L s left £4,217 (£3,775 net).

BUSINESS CHANGES

GATLEY is the newly adopted tra g title of the pharmacy at 625 Liver Road, Peel Green, Patricroft, Manche r, formerly known as Evans & Gatley.

W. Sutton & Co., Druggists' DRIES, London, Ltd., Horseshoe Lane, field, Middlesex, have appointed W. R. Warrell their representative in rey, Sussex and Hants.

KAYLENE, LTD., Waterloo Road, don, N.W.2, have appointed Mr. P. W Thurley (formerly an administrative cer in the Colonial Civil Service) to representative staff.

A NEW firm, Hobson Trimble & Co., ceeded on May 21 the old-establi business of Hobson, Trimble & Co., (founded 1835). The change is occasibly the retirement of Mr. C. A. Hol The new proprietors, who have closely associated with Mr. Hobson his co-directors for a number of years now in full production of Hobson's Cl corn plaisters and powders at their factory premises at Union House, Be Street, Hunslet, Leeds, 10.

PERSONALITIES

R. PHILIP A. BRADY (a member of ncil and former president of the Phar-



maceutical Society Ireland) has of elected member of the Dail for Dublin South Central. Mr. Brady, who is a councillor of the **Dublin Corporation** and a member of several hospital boards, has received congratulations from many pharmacist colleagues on his success at the polls.

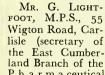
ther member of the Society's Coun-Senator Loughman, just failed to re election.

c ciccion.j

R. W. Turcan letired on May 31 nearly fifty year's association with mas Tyrer & Co., Ltd., Stirling Chemi-Works, London, E.15. For the past years he has been the company's aging director.

R. ANDREW WILSON, M.D., Ph.D., L., F.R.F.S., has been appointed to the





Andrew Wilson, M.D.

P h a r m a ceutical iety), headed the poll in the local munial elections held recently.

IR. EDWARD D. GLOVER (organising etary of the Incorporated Society of rmacy and Drug Store Proprietors of at Britain, Ltd.) was re-elected country for the Armley Ward of Leeds in recent municipal elections, heading the

poll. He has been appointed to the Health, Welfare, and Accident Prevention Committee, and chairman of the Sanitation, Food and Drugs Committee, and of the blind welfare subcommittee.

Mr. T. C. W. Wood (sales manager, Paines & Byrne, Ltd., Greenford, Middlesex) has returned to England following a visit to New Zealand and Australia.

MR. ARTHUR T. WHEELER, governing director of Wheeler & Husking, Ltd., importers and exporters of drugs, essential o'ls, etc., 26 Great Tower Street, London, E.C.3, recently celebrated his fiftieth year with the business. Joining his father (Mr. Henry Wheeler founder of the business) in 1901, he was taken into partnership in 1910. Directors and staff of the company attended a dinner in London on June 5 to mark the occasion.

MR. HAROLD BURBIDGE, M.P.S., who has been manager of Boots, Ltd., High Street, Stamford, Lincs, for the past twenty-four years, has retired after over forty-six years with the company. A native of Retford, Notts, Mr. Burbidge spent his early life at Boston, Lincs, where he was apprenticed in 1905. After qualifying he managed branches of Boots, Ltd., at Sleaford, Stapleford and Mansfield and in 1927 he became manager of the Stamford branch. Among his hobbies are music (he is a 'cellist) and water biology.

COUNCIL OFFICERS, 1951-52

AT its first meeting since the election of seven members on May 16, the Council of the Pharmaceutical Society elected Mr. F. C. Wilson President and Mr. W. J. Tristram Vice-president. Mr. W. S. Howells was re-elected Treasurer.



Mr. F. C. Wilson



Mr, W. J. Tristram

NEW PRODUCTS AND PACKS

Milk of Cucumber.—Richard Hudnut, Ltd., Power Road, London, W.4, have added to the Three Flowers range of cosmetics Three Flowers milk of cucumber (right, below) which is claimed to cleanse, soften and refine the skin. Its cucumber juice content is incorporated in a fine emulsion. Milk of cucumber is suitable for all types of skin. It removes make-up thoroughly, and provides a base for new make-





"Satin Smooth" Nail Enamel.—On June 11 Max Factor, Hollywood and London (Sales), Ltd., 16 Old Bond Street, London. W.I, are putting on the market Satin Smooth nail enamel (at left, above) a new product claimed to flow easily, smoothly and quickly, dry quickly to a diamond-

hard lustre, and leave no stain when moved. Satin Smooth is long lasting has a delicate perfume when applied. colours are selected for blending with 1x Factor Hollywood lipsticks, as follows Red satin with clear red 1, 2 and 3; rose s with rose red 1, 2 and 3; flame satin via flame red 1, 2 and 3; flame satin via flame red 1, 2 and 3; flame satin via flame red 1, 2 and 3; flame satin via flame red 1, 2 and 3; plame satin via flame red 1, 2 and 3;

Smallest Hearing-aid.—John Bell & Croyden (Savory & Moore, Ltd.), 117 ha Street, Oxford, announce the general lease of the latest and smallest of the hearing aids; the Belclere Ultimite, modern to the batteries of this instrument esmall enough to fit into an ordinary spoon, and the complete instrument scomparable in size with a box of mates. The Ultimite has been selected for interporation in the Design Review section the Festival of Britain.

Family Size. — Jeyes Sanitary C-pounds Co., Ltd., Millbrook, Manor R l, Chigwell, Essex, have introduced a 1 2 family size " of Jeypine.







Three new products by Jean Sorelle, Ltd., 21 Turle Road, London, N.4: C bath salts, containing ten round and one egg-shaped tablets; Reindeer Sleigh salts, with plastic sleigh and reindeer; and Lampion perfume, in vase-shaped t with printed lampshade available in Devon Violets, Poppy and Gardenia Dew.

TRADE NOTES

gain Available.—Southalls (Birming-), Ltd., Charford Mills, Saltley, Birgham, are again able to supply South-Deo deodorant powder for use on ary towels.

air Colour Rinse.—Golden, Ltd., 2 n Street, London, W.I, are putting the market for domestic users a new c of their Coloral liquid hair rinse. pack contains sufficient material for rinses.

losed for Stocktaking.—C. J. Hewlett on, Ltd., 35 Charlotte Road, London, 2, announce that their warehouse will losed for stocktaking on June 27, 28 29. On those dates only urgent orders be executed.

aily Delivery Service.—The Allied g & Chemical Co., Robert Street, Lon-, N.W.I, offer chemists in the greater don and Home Counties areas a daily very service of proprietaries, sundries, sed goods, ethical products, etc.

nnual Outing.—Menley & James, 123 Coldharbour Lane, London, 5, announce that their offices and ks will be closed on June 15 for the pany's annual outing. Emergency rs will be dealt with by John Bell & yden, 50 Wigmore Street, London,

ontainer Reclamation.—T. J. Smith & hew, Ltd., Neptune Street, Hull, under ewly introduced container reclamation ice are allowing credit on Fiberite A and type B containers issued by the pany if returned in serviceable condition. The containers should be returned ked flat with flaps folded inside.

elf-sterilising Sheeting. — Porosan, London, W.C.I, are shortly market-under the name Rubagon a waterproof and bed sheet claimed to kill pathoc organisms with which it comes into tact. The action is due to the material f and not due to any superficial chemitreatment. Rubagon will be available wo sizes: 24 x 36 in. and 36 x 36 in. rice Changes. — Antigen Labora-

IES, LTD., 95 Great Portland Street, don, W.I, increased on June I the il and trade prices of Pedzyl powder; prices of Pedzyl ointment are unnged.—Southon Laboratories, Ltd., Upper Richmond Road, London, 1.15, announce increased prices for

Esoban capsules, cream of calamine, cream of calamine (medicated), emollient, ointment, U.F.I. ointment, obstetrical lubricant, and U.F.I. vaginal tablets.—The Scholl Manufacturing Co., Ltd., 182 St. John Street, London, E.C.I., draw attention on another page to new prices in operation since June 4.—Ward, Blenkinsop & Co., Ltd., 6 Henrietta Place, London, W.I., increased on June 1 the retail prices of Robaden preparations.

Camera Contest Prizewinners.—Dufay Chromex, Ltd., 14 Cockspur Street, London, S.W.1, announce the April winners of their nation-wide amateur photographic contest, as follows:—Pets: Mrs. A. Mayes, 27 South Park Street, Chatteris, Cam-



Winning entry in "Places" class

bridge; People: Mr. B. E. Talbot, 132 Woodside Avenue, Chislehurst; Places: Mr. I. Price Williams, 454A London Road, North Cheam, Surrey. Each receives £50; the prizewinning entry in the "Places" section is here shown.

Wrapped Complexion Soap.—Evans Medical Supplies, Ltd., Speke, Liverpool, announce that the 3-oz. and 6-oz. sizes of Gladys Cooper luxury complexion soap are now wrapped in transparent film. With each I doz. tablets of either size a display outer is now supplied.—Messrs. Evans also

point out that a supplementary to their pharmacognosy recognition sets is being supplied free of charge to any school of pharmacy, pharmacist, or student who purchased a set prior to April 1, 1951. Pharmacists should order in the usual way. Students should state the name address of a retail pharmacist to whom the supplementary set could be delivered. The supplementary sets contain acacia, aloe (Zanzibar), caryophyllum, cassia, cinchona (Calisaya), colchici cormus, filix mas, ipomoea, sabina, strophanthus, valeriana, va eriana indica, and capsicum (replacin existing specimen).

Display Units.—Illustrated (at left) is display outer in which Adaptoplast firs aid dressings are being supplied by the makers, Cuxson, Gerrard & Co., Ltd Oldbury, Birmingham. The outer is in tw sizes, one holding twenty-four small tin and the other twelve large tins.-To lir with a current advertising scheme in th



national and loc. Press. SPA BRUSHE LTD., Freema Works, Cheshar Bucks, have issued new counter displa stand (illustratio right). Tootl brushes with Nylo tufts are packed cartons windows: bristl tooth-brushes a sent out in tran parent plastic tube



PROPRIFTARY ARTICLES TRADE ASSOCIATION

INDINILIAN		L I	IOFED	INADE ASSOCIA	
Alterations to Protected	List (Part	1)	Carlsbad Kissingen and	
(I.R.P.—Inclusive			.,		$33\frac{1}{3}$ 2
Product	Doz.	Tax	I.R.P.		$33\frac{1}{3}$ 4
1104401	s. d.	%	s. d.	The British Drug Houses, Ltd.	J33 T
John Bell, Hills & Lucas, L		70	5. u.	Cod liver oil, 4 fl. oz. 12 o	Nil 1
Oxford liniment, 3-oz	15 9	$33\frac{1}{3}$	2 6		Nil 2
Paramag, 4-oz,	10 0	$33\frac{3}{3}$	1 9		$33\frac{1}{3}$ 2
8-oz	16 3	33 3	2 10		Ltd.
16-oz	26 9	$33\frac{3}{3}$	4 6		$33\frac{1}{3}$ 2
Tin-Ox tablets, 25's	10 0		I 9		$33\frac{1}{3}$ 3
100's	20 3	$33\frac{1}{3}$	3 9		33 ³ I
Alfred Bishop, Ltd.	20 3	333	3 9	Wigglesworth, Ltd.	333
Caffeine and caffeine				Sanovis glucose with	
citrate	18 6	$33\frac{1}{3}$	2 6		Nil 2
Citrate	29 0	$\frac{33\frac{3}{1}}{3}$	$\frac{2}{3} 9^{\frac{1}{2}}$		Nil -
	44 0	223	5 92	Wright, Layman & Umney, Ltd.	. 111
Caffeine hydrobromate	29 0	$33\frac{1}{3}$	3 10	Wright's liq. carb. det.,	
Lithia citrate	18 6		2 6		$33\frac{1}{3}$ 2
Littila Cittate	30 0	333	3 1112		
	44 0	33 \frac{1}{3}	5 10		$33\frac{1}{3}$ 4 7
Livura	31 0	$33\frac{3}{3}$		Alterations (Part 2)	333 /
Management	17 0	231	2 4	Thos. Christy & Co., Ltd.	
Magnesia citrate	31 0	$33\frac{1}{3}$	4 4		$33\frac{1}{3}$ I
¹ / ₄ -1b,	19 0	$33\frac{3}{3}$	2 81		Nil 2
1/2-lb	31 0	$\frac{33\frac{3}{1}}{33\frac{3}{3}}$	4 5		1 00
1-lb	52 0	$33\frac{3}{3}$		Culmak, Ltd.	
Phenacetin and caffeine	19 6	$33\frac{1}{3}$	$\frac{7}{2}$ $6\frac{1}{2}$	Culmak regd. shaving brushes:	
Thenacean and carrence	33 0	$33\frac{3}{3}$			$33\frac{1}{3}$ 5
Piperazine, gr. $2\frac{1}{2}$	24 6	$33\frac{3}{3}$	$\begin{array}{ccc} 4 & 5 \\ 3 & 6 \end{array}$		$33\frac{1}{3}$ 7
gr. 5	34 6	331	4 81		$33\frac{1}{3}$ 7
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gr. 6	58 o	$33\frac{3}{3}$	8 i		$33\frac{1}{3}$ 17.
Potash citrate	21 0	$33\frac{1}{3}$	2 81		3 25
rotasii citrate	37 0	$33\frac{1}{3}$		Potter & Clarke, Ltd.	13 -0
Soda phosphate	21 0	$33\frac{1}{3}$	$\frac{1}{2} = 8\frac{1}{2}$	Thompson's dandelion	
socia prospinii iii	37 0	$33\frac{1}{3}$	$4 10\frac{1}{2}$		Nil 1
Soda sulphate	21 0	33 1	2 81	8-oz. 20 3 M	Vil 2
Some surprise in in	27 0	33 1		Stemco, Ltd.	
Yamba	35 0	$33\frac{1}{3}$	4 7	Flit handsprayers 32 0 1	Nil 3
2 54212 554	33 0	333	1 /		

HEALTH SERVICE IN NORTHERN IRELAND

r a meeting held in Belfast on May 30 e Northern Ireland General Health rvices Board decided to refer to the Joint edical Advisory and Pharmaceutical ommittees a scheme—drawn up by the pard's Medical Adviser-for reducing uncessary pharmaceutical costs resulting om the prescribing of expensive proprie-ries to which there are official equivants. The Medical Advisory Committee ad recommended the Board to submit the heme to the Ministry of Health and ocal Government as a basis for discuson on possible methods of eliminating nnecessary costs. The Medical Adviser sted the following items for supply free direct cost as at present: (i) All pre-arations in the National Formulary, ritish Pharmacopœia, and British Pharaceutical Codex, except "foods" in the .P.; (ii) all preparations of penicillin and her antibiotic drugs; (iii) all prepara-ons of sulphonamides; and (iv) all pre-arations administered by injection. atients desiring other drugs or medicines ould require to pay either the full cost r a contribution of, say, 2s. The patient light also be required to make a contribuon of, say, 2s. 6d. on each article of astic hosiery.

Mr. J. McGregor, M.P.S.I., said that he id not think the implications of the proosed scheme were fully realised. It would e a pity to deprive people in Northern eland of proprietaries while people in reat Britain could get them easily. The ommittee was usurping the rights of arliament. The Secretary pointed out hat the Ministry of Health was anxious to educe costs and had frequently asked the Committee if that could be done. nedical adviser had reported to the Medial Advisory Committee that the Ministry's Chief Medical Officer had given his pinion that direct action could not be aken to discourage manufacturers' pro-aganda to the medical profession, but hat undesirable propaganda was count-red by educating undergraduates or luring post-graduate courses.

Campaign to Reduce Costs

THE SECRETARY reported that communications had been received from Belfast and condonderry county boroughs, and from Antrim, Armagh and Down health committees, offering to co-operate in a campaign to reduce the cost of pharmaceutical ervices. A letter to the Committee from

the Northern Ireland Hospitals Authority stated that medical staffs in hospitals had been asked to avoid ordering for outpatients preparations that a general practitioner was not entitled to order on the Board's prescription forms. In addition, a circular had been issued drawing attention to the necessity for inquiry into the use of proprietaries. The Committee agreed to await the effect of that action.

Thirty doctors were reported to have failed to reply to letters from the Board asking for their observations on excessive average costs of prescribing. One doctor who had his own dispensing list agreed to accept a deduction of £355 from his remuneration to meet the cost of prescriptions he had written for materials he should have supplied himself.

Patients' "Demands"

The minutes of the Executive Committee referred to complaints continually made by doctors that patients with pre-scriptions for elastic stockings were returning from chemists with a demand that the prescriptions should be amended to read "two-way stretch" stockings. Patients also frequently returned demanding prescriptions for proprietaries. Mr. J. McGregor told the Committee that some patients, when presenting a chemist with a prescription for elastic stockings, asked for "two-way stretch" and were informed that such stockings could only be supplied when specified. Those patients when they returned to the doctor probably said that they had been told by the chemist that they could have "two-way stretch" if the doctor so ordered. The same thing happened in respect of proprietaries. The SECRETARY reminded the Committee that the Board's notice to the public concerning prescribing would shortly be displayed by chemists, and suggested that that might resolve the difficulty.

The minutes disclosed that the Central Medical Committee had considered a case of alleged overprescribing of Examen and liver extract. During the period June 7, 1950, to January 19, 1951, a doctor had ordered for one patient 1625 c.c. of Examen costing £197 3s. and oral liver extract costing £25 18s. 11½d. The Committee considered that there had been excess in prescribing to the extent of 1550 c.c. of Examen and of the entire quantity of liver extract. The Pharmacist gave two methods by which the cost of

the excess Examen could be calculated. After consideration, the Executive Committee directed that £185 1s. 1½d. should be recovered from the doctor in respect of the Examen and £25 18s. 11½d. in respect of the oral liver extract. That course was approved by the Board.

The secretary reported that over sixty unsigned prescriptions in one month had

been submitted for payment by a chemby whom they appeared to have be written. When asked for his observation the chemist stated that the prescriptiforms in question had been given to has blanks by a doctor for the convenier of patients who required "repeats." To Committee decided to refer the case the Services Committee.

NATIONAL PHARMACEUTICAL UNION

MEETINGS of the National Pharmaceutical Union Executive Committee and of the directors of the Chemists' Defence Association, Ltd., were held in London on May 23, Mr. P. Varley in the chair.

Presenting his report upon matters which had arisen since the previous meeting of the Executive, The Secretary (Mr. H. Noble) referred to negotiations that had taken place between the N.P.U. and the Pharmaceutical Society concerning the Society's Draft Supplemental Charter. Matters underlying the exchange of correspondence had been referred to by the vice-president of the Society at its special general meeting on May 17.

In response to a number of requests from members for guidance on professional discount to be allowed to doctors, dentists, nurses, etc., it was resolved to recommend members to allow a discount at the rate of 10 per cent. off the retail price of goods exempt from purchase tax and

7½ per cent. off taxed goods.

Reports of meetings of the Accounts, Business Services, Publications and Price List, and Central N.H.S. (Chemists Contractors) Committees held on the previous

day were received.

The Secretary reported that Sir Hartley Shawcross had agreed to receive a deputation from the Fair Prices Defence Committee on May 29. It was agreed that the N.P.U., jointly with the Proprietary Articles Trade Association, should issue to all chemists a propaganda booklet "Resale Price Maintenance—The Facts."

A report of a meeting of the Chemists' Federation Council held on May 3 was submitted by Mr. W. J. Tristram. The local organisation officer submitted a report upon work undertaken by the outside representative of the N.P.U. and upon meetings of local N.P.U. branches held since the previous Executive Committee meeting. A resolution was received from the Torquay branch of the N.P.U. protesting against the increased and exces-

sive sampling of doctors by certain mar facturers of "ethical" proprietaries. T branch was advised to take the matter with the manufacturers concerned.

A report was received of a meeting the full council of the retail pharma Joint Industrial Council held on May when agreement had been reached on: (a) Hours of work, (b) minimum rates wages in relation to bonuses and comm sion payments, (c) minimum rates of war for shop assistants (other than appretices) and for other male workers, and date of operation of new agreement. the meeting the question of payment di ing absence through sickness was left t resolved, and the N.P.U. Executive structed its representatives on the J.I as to the policy to be adopted when t matter was again considered. A report the Board of Trade Committee on Weig and Measures Legislation was received Mr. H. Steinman was unanimously el ted chairman of the Central N.H.S. (Cl mists Contractors) Committee for the ye

THE SECRETARY reported that Ministry of Health had agreed to autil rise a special supplementary payment contractors at the rate of $7\frac{1}{2}$ per cent. the payments on account already made them in respect of prescriptions dispens in the months September 1950 to Ar 1951. The Ministry had also agreed th commencing with the June payment account in respect of prescriptions pensed in May 1951, the payment account would be calculated for each co tractor at 94.5 per cent. of his own ov all average prescription value for M 1950. The Central, N.H.S. (Chemists Co tractors) Committee was of the opini that that was inadequate, and further re resentations were made to the Ministry. forwarding additional data to the manage ment side of the Pharmaceutical Whit Council the necessity for completing th long outstanding matter as early as p sible was stressed.



NEWS IN PICTURES



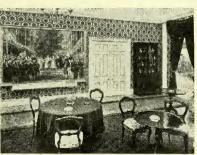
bers of the Australian women's cricket team officers of Allen & Hanburys, Ltd., at the pany's factory, Ware, Herts, on Empire Day. Dried milk for United Nations relief work in Korea—part of a consignment ordered from Glaxo Laboratories, Ltd., Bunnythorpe, New Zealand.



f of Ciba Laboratories, Ltd., photographed at Horsham on May 23 before setting out on a trip to South Bank Exhibition, London. Mr. Philip Mair (managing director) accompanied the party.



H. Sidebotham, M.P.S., er twenty-six years as a ver for Lewis's, Ltd., reves a television set from de friends at a luncheon en recently in his honour.



As an appropriate reminder that 1951 is the company's centenary year, W. J. Bush & Co., Ltd., adopted nineteenth-century furnishings on their stand at the 1951 British Industries Fair in May.



Stand of Ex-Lax, Ltd., at Slough Festival Fair. The opening on May 26 was attended by the mayor and mayoress of Slough and president of the Slough chamber of commerce.



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INFORMATION WANTED

The Editor would appreciate informa about suppliers of the following iten Amphoglandin Citrovorum Luvotox Antramine



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rculates throughout the Pharmaceutical, emical, Drug, Essential Oil, Perfumery, smetic, Toilet Preparation and allied Trades throughout the World

ficial organ of The Pharmaceutical ciety of Ireland, The Pharmaceutical ciety of Northern Ireland, The Chemists' d Druggists' Society of Ireland and of her Chemists' Societies in the Empire.

L. CLV

JUNE 9, 1951

No. 3720

Payment-on-account Anomalies

TH the much increased use of expensive ugs, such as some of the newer antibios, the need for revising the method of ying for them when they are supplied chemist contractors on National Health rvice prescriptions has been growing ore and more urgent. Constant hammerg away at this point by chemists and eir organisations has at last driven it me, for the Minister of Health (see p. 6) has decided to amend the price limits a which payments-on-account are based.

The reforms will be welcome as steps the right direction, though they do not ep pace with the increasing capital the semist finds it necessary to invest in order supply the expensive items in the first stance. Why should the minimum ingreent cost for bulk prescriptions remain at 50 if the figure for groups of prescriptions, including bulk prescriptions, is to be 30? Such discrepancies should be re-exmined in the future reviews of the situation which the Minister has promised. Adstantants will perhaps be easier now that he machinery for effecting them has been the motion.

There is one exasperating feature of the mouncement giving effect to the chans. The revised limits operate as from fay 1. The Ministry's letter (E.C.L. 49/1) to Executive Councils and to the Joint ricing Committee, is dated May 29—too te to enable chemists to take the reuired steps to act upon it for the month May. Why that delay of twenty-eight

days? Contractors have surely the right to demand an explanation, and to insist in future on being given notice adequate to enable any changes of method to be given effect at the proper time.

Medicines in the Hospital Ward

THERE is general awareness, certainly among hospital pharmaceutical staffs, that all is often not well in the way medicines are handled between the time they pass out of the pharmacy department and the time they reach the patient in his bed in the ward. Seldom, however, are such valuable and practical suggestions for improvement in their handling put forward as are given in the June 2 issue of the "Lancet" by Mr. W. Trillwood, Ph.C., chief pharmacist at the United Oxford Hospitals.

Mr. Trillwood lists as "unavoidable" the risks arising from strain on nursing staffs caused by shortage of nurses or heavy waiting lists of in-patients, and few will disagree with him there. Yet it is rather curious that he appears to put in the same class risks that could be overcome by improving the curriculum of training for nurses in materia medica. The present course, as he points out, instructs the trainee in the making of blisters and linseed poultices, and in cupping and the use of leeches, but leaves her to acquire what knowledge she may, outside her formal training, of the sulphonamides and the antibiotics.

That comment, however, is by the way. When he comes to his "avoidable" risks, Mr. Trillwood goes to the root of the matter. A "fairly widespread tendency" for nurses to prescribe routine drugs (in contravention of a standing order for ward sisters drawn up by the Royal College of Nurses) should be suppressed. Nurses should be drilled in reading labels until checking becomes a matter of routine, and should be made fully aware of the dangers of transferring drugs to unsuitable containers. To prevent the administration of a drug to the wrong patient the name of the patient should appear at the bedside (he suggests a disc on the patient, but perhaps a card in a slot on the bed might be preferable). The name on the label of the medicine should on every occasion be checked with the name at the bedside. The use of "medicine charts" should be abandoned. Instead, there must be direct reference to the prescription every time.

Possibly the most valuable safeguard recommended in the "Lancet" article is the issue of all hospital prescriptions in duplicate, one copy to go to the pharmacist for compounding, the other to the ward for use by the nurse (or, indeed, by the prescriber). The author describes in detail a system of checks and records based upon the duplicated prescription, and his system will no doubt be widely studied by hospital pharmacists and administrators. The recommendations he makes, valuable in themselves, should prompt other pharmacists who may have given thought to the provision of "automatic" safeguards against error to make known their own methods, so that standards of safety may be everywhere improved.

Building Licence Points

Decisions given recently under Regulations that require building licences to be issued before any work is executed upon property illustrate the general rule of law that where a statute or order prohibits the doing of an act, any contract in relation thereto is illegal and unenforceable. Thus a builder who executes work without a licence, or in excess of the amount fixed by the licence, is unable to recover the cost, notwithstanding that he may have done the work in accordance with a contract made with the owner of the property.

In one of the judgments referred to it was stated that it is the builder's duty to ask to see the licence, and to satisfy himself that the work is in fact covered by it. Provided, however, that a licence for the execution of the particular work has been obtained, then it is immaterial that the licence does not happen to be in the name of the person who has given the order for the work. The cases have also determined that where a licence does not cover both the fixing of an article and its supply, the cost of the article and

the cost of the work necessary to fix must both be taken into account in det mining whether the amount of the licer has been exceeded (though it is not qu clear whether the cost of the article mi be taken into account where the owr ordering the work is already in possessi of it). It has further been determined th where a licence is necessary and has be obtained for the work costing more th the free allowance, then the amount work that should be covered by the fi allowance must itself be licensed. Thus work takes two months to do, so that t free licence for the period would be £ plus £2 a month, i.e., £14, but the c of the whole work is £50 and a licer therefore has been obtained, only £ worth of work may be executed (and owner is not entitled to execute a furth £14 worth of work).

International Drug Names

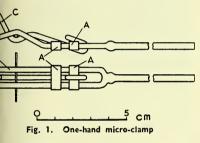
Delay in publication of the first part the "Pharmacopæa Internationalis"—it now promised for the current year (p. 748)—will have one salutary result. has given the Expert Committee on Unification of Pharmacopæias of World Health Organisation time to fo into a second volume many import monographs which it was earlier thoughad "missed the boat." Subsequent ad tions are destined for an addendum.

Governments to whom a questionna on the problem of non-proprietary nar for drugs had been sent gave encourag replies. Thirty-one, including that of United Kingdom, approved as a whole in general the recommended princip aimed at reducing the confusion cau by the use of many names for one p duct, and at preventing the registrat as trade marks, in certain countries, names adopted as non-proprietary nar in the country of origin. To ensure in national protection for the non-propriet names selected by the Committee, director general of the World Health ganisation is seeking the inclusion appropriate provisions in the "Inter tional Convention for the Protection of dustrial Property," due to be revised 19

MICROCHEMICAL APPARATUS AT THE SCIENCE MUSEUM

By Dr. J. T. Stock and M. A. Fill, F.R.I.C.

ICHROCHEMICAL Apparatus made by us and shown at a recent special exhibition at the Science seum, London, illustrating analytical mistry (see C. & D., 1950.II.000) has n developed in the Department of Chemy and Biology of Norwood Technical lege, London, partly under the research gramme in analytical chemistry and the for instruction of the various groups students reading for pharmacy, medic, and general science.



of Glass Rod

among the materials used for micromical apparatus, glass rod features proently. Typical is the clamp¹ for securely ding small vessels, capillaries, etc. (see . 1). Release of the clamping force proed by rubber bands A A is achieved applying the thumb and forefinger (usone hand only) to points B and C. bands are cut from soft rubber tubing. ng a sleeve of the same material the np may be supported by inserting the n into socket D of the stand shown in 2. The bosshead E of this stand sists of a pair of 35-mm. flat bakelite s as used on screw-top sample bottles. rotating knob F, the bosshead rises or s on the glass hairpin upright G. Two Il rollers cut from a rubber bung presson the sides of the upright effect the tion. A larger bottle-cap, weighted with nixture of lead shot and sealing wax, ns the base of the stand.

Much microchemical work is carried with single drops of reagents, so that total requirement of a particular soluties is small. Micro reagent bottles comie with drop-dispensing stoppers are wn in Fig. 3 and are made from two sof glass tubing. The smaller tubing,

which should slide easily within the larger, is first cut into lengths of about 30 cm. and rings or dianges are formed 10 cm. from either end. This is done by softening the glass in a small hot flame and gently forcing together the ends of the tubing. Heat is now applied to the middle of the tubing and the ends are drawn apart. When cold, the narrow central portion is nicked with an ampoule knife. Rubber teats are attached and two stoppers of the type shown at (a) obtained. The construction from the larger tubing of the test-tube-like bottle is self-evident. Stoppers and bottles are assembled in pairs and,

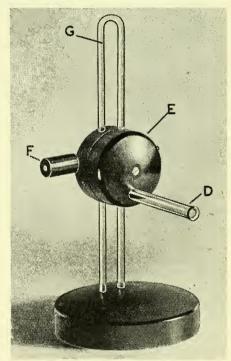
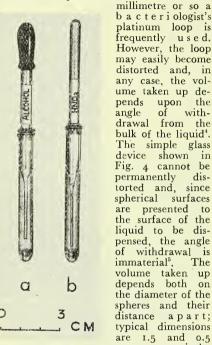


Fig. 2. Adjustable stand for micro-clamp

using fine emery paste, the underside of the stopper-flange is ground into the top of the rim. For work on a microscope slide the amount of reagent required is often less than a drop of average size. In such cases, modification (b), in which the stopper carries a fine glass rod, is very useful. An extensive set of these reagent bottles may be supported in holes drilled in a block of wood.

For the rapid delivery of small fixed volumes of liquid of the order of a cubic



Micro reagent bottles constructed from glass tubing

bacteri ologist's platinum loop is frequently used. However, the loop may easily become distorted and, in any case, the volume taken up depends upon the of withdrawal from bulk of the liquid. The simple glass device shown in Fig. 4 cannot be permanently distorted and, since spherical surfaces are presented to the surface of the liquid to be dispensed, the angle of withdrawal is immaterial5. The volume taken up depends both on the diameter of the spheres and their distance apart; typical dimensions are 1.5 and 0.5 mm. respectively. On presenting the charged dispenser (Fig. 5 A, p. 745)

to a clean surface such as that of a microscope slide, highly-reproducible delivery

occurs (Fig. 5 B)).

A direct-reading microbalance designed for milligram-scale preparative work6 (see Fig. 6a and 6b) was exhibited in a separate central showcase and aroused consider-The beam and its adable comment. juncts are constructed of fine glass rod and, owing to the incorporation of efficient magnetic damping, the instrument is virtually dead-beat.

involving glass Constructional work capillaries and fine rod is facilitated by the simple micro-blowpipe shown in section in Fig. 7 a. This blowpipe gives a small, stable, very hot flame. The gas chamber consists of a 12-in, outside diameter steel

washer on the faces of which are solder discs of copper foil. Having marked t approximate centre of one disc, a sewi needle is driven squarely through be discs, so that the point emerges about mm. from the rear disc, as shown in Fig.
The larger front orifice shown at A (F 7a) is the burner proper, the smaller o B being the air jet. Gas enters the cha ber through hole C, which is about 2 m. in diameter. Short lengths of brass tubi D and E (portions of an old cork-bor soldered on to the rear disc permit attac ment of the gas and air leads. Vario modifications of this basic design w also shown, as was a simple water-operar pump designed to supply the small a demand of such devices.

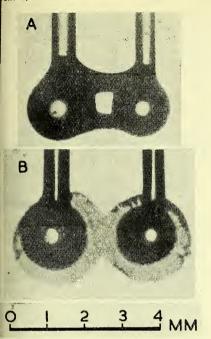
Wash Bottle

The accurate delivery of measured volumes liquid at or near their boiling points is not an easy problem, as was found during some research in connection with the purification of micro-gravimetric precipitates by washing with boiling distilled water. A special washbottle8 designed to overcome the difficulty was exhibited and is shown in Fig. 8. An inner tube A with sealed-in syphon tube B (shown separately at (a)) carries a washbottle fitting made from fine tubing. This unit is fitted into a flask, the stopper of which is provided with a vent tube C. The flask is heated until its contents are gently boiling, and the vent tube is then closed with the finger. Liquid is thus Fig. 4. Rapid forced into A. When the pensing device level is somewhat above micro - li the upper end of the syphon, the washbottle is

volumes

removed from the hotplate and the v tube opened. The excess liquid instar syphons back into the flask, when the c tents of B are at once delivered by clos the vent tube and blowing at the mou piece. Delivery is reproducible to o c.c. and may be varied by sliding deliv tube D within its stopper. As shown, setting is for maximum delivery, which about 5 c.c. If D is raised, less is deliver



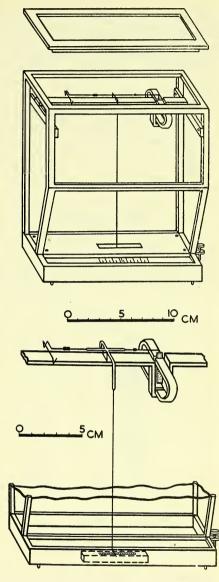


ove: Fig. 5. Showing how the micro dispenser livers liquid.

ght, above, Fig. 6a. Direct-reading microbalance. ght, below, Fig. 6b, Mechanism of the balance.

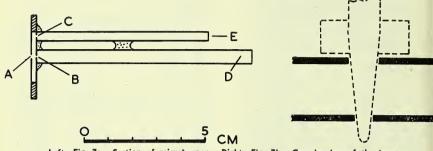
icro Stirring Apparatus

For many years we have been particuly interested in stirring apparatus for cro-titration and similar purposes and ve developed several electrical and cuum-operated devices of this type. That own in Fig. 9 gives rapid vertical strokes few mm. in length9. Container A is rtly filled with mercury and a hollow lindrical glass float B slides easily within e central tube. Although valve rod Commally rests on a seating at the top of eve D, the rod can be lifted clear by e rising of the float. Interchangeable rrer-heads, one of which is shown at E, e made from drawn-out glass rod and p into the upper end of the valve rod. the F is connected via a safety bottle a water filter-pump. When the pump is arted, mercury is drawn upwards in the ntral tube and carries the float with it. ne latter strikes the end of the valve d, causing the valve to open. Air is us permitted to enter through port G, that the vacuum is destroyed. When



their momentum is expended, the moving parts fall by gravity, the valve closes, and the cycle of operations is repeated about three times per second. The impact principle employed renders the device selfstarting and completely reliable. During tests, one of these stirrers was operated non-stop for a week without the observed missing of a single beat or alteration in size or frequency of stroke. Within limits, the size of the stroke made by the stirrer head may be adjusted by varying the degree of suction. Alternatively, clearance x

The micro-stirrer shown in Fig. 10 is different type and is another good examp of the use of bakelite bottle-caps in t construction of apparatus¹¹, ¹². The boconsists of two large caps which, wh ready for assembly, are placed mouth-t



Left: Fig. 7a. Section of microburner. Right: Fig. 7b. Gas chamber of the burner.

may be adjusted; this is achieved by sliding the sleeve within its stopper. If the vent tube H is closed, strokes become smaller and faster. A further development

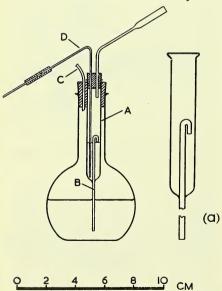
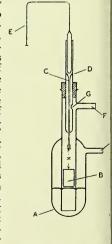


Fig. 8. Washbottle for delivering measured volumes of hot liquid.

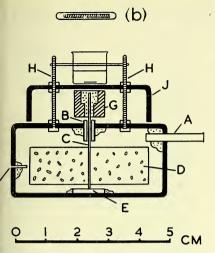
of this principle permitted the design of a stirrer which operates in any position and has a stroke continuously variable whilst running¹⁰.

mouth and jointed by bridging with strip of adhesive cellulose tape. Into t upper cap are cemented pump connecti A and bearing B. The latter is a she length of heavy-walled glass tubing which spindle C (a portion of a darnineedle) is a snug but free-running fit. Rot D is a slice cut from an ordinary cork at is about 45 mm. in diameter and 10 m thick. By means of a razor blade, ratche shaped teeth are cut in the periphery, shown at (a). The spindle is then thru

through squarely and not axially, so that the point proiects about 2 mm. and rests on bearing plate E. This is a small piece of microscope slide cemented in the lower half of the body. A piece of meltingnarrow point tubing about 5 mm. long forms the jet, which is cemented position as shown at (a). When suction is applied at A, air rushing in through the jet impinges tangentially on the rotor and causes it to spin rapidly. The Fig.



spin rapidly. The Fig. 9. Microstirrer upper end of the giving vertical strokes.



ndle carries a small, powerful magnet in the form of a slotted cylinder. vo 8-B.A. brass bolts H H and table nuts hold down platform J, which a smaller bottle-cap. The stirrer-bar own enlarged at (b)), which is dropped o the vessel containing the liquid to be red, is a short length of sewing needle led up in a thin-walled, snugly-fitting ce of melting-point tubing. As the magrotates, its motion is followed by the rer-bar, resulting in vigorous splashless ring.

rette Tap for Precise Titrations

Various other stirring devices arranged use on the bench or on a retort stand re also exhibited. Among miscellanes apparatus shown was a burette with special tap giving a transition from sed to open spread over 150°, as opsed to the mere 10° or so of an ordinary pcock¹³. Designed for precise titration, s device renders accidental overshootof the equivalence point almost imssible.

Experience has shown us that the adopn of small-scale techniques in teaching t only improves manipulative ability of e students but also materially reduces nsumption of materials, contamination the laboratory atmosphere, and difficuls in connection with storing the numers pieces of apparatus needed for large mbers of students. These considerations ould promote wider adoption of the chnique.

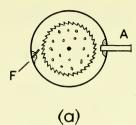


Fig. 10. Micro magnetic stirrer. Left, showing the general assembly. Detail of the rotor is shown in diagram (a). Drawing (b) shows, enlarged, the glass enclosed stirring bar.

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FIFTY YEARS AGO

An Address to the Throne

(From the C. & D., February 9, 1901). THE PRESIDENT rose and said it was his sad duty to refer to the death of her Most Gracious Majesty, their beloved Queen. . . [He] then moved the following resolution:-

This Council desires to express on behalf of those practising pharmacy in Great Britain the feeling of profound grief, and the sense of personal bereavement, which have been experienced throughout the pharmaceutical calling on the demise of Her Most Gracious Majesty, Queen Victoria. The pharmacists of Great Britain recall with grateful pride that the late William Allen, F.R.S., the first President of the Pharmaceutical Society of Great Britain, was honoured by many evidences of the personal esteem of her late Majesty, and one of the earliest official acts of sovereignty after her Majesty's accession was the granting of a Charter of Incorporation to the said Society. . . .

NEW SCHEME FOR PAYMENT ON ACCOUNT

The Minister of Health has amended the price limits that operate under the arrangements that enable chemist-contractors to receive payment on account for expensive prescriptions. In a letter to Executive Councils dated May 29 he announced that, as from May 1, the following categories of prescription may be forwarded for special pricing:—

- (a) Bulk prescriptions: One or more of not less than £50 total net ingredient
- (b) Ordinary prescriptions: Individual forms containing a prescription or prescriptions of an aggregate value of not less than £15 net ingredient cost.
- (c) Groups of prescriptions, bulk or otherwise (not necessarily for the same drug): No prescription to be less than £2 10s. net ingredient cost and the total net ingredient cost of the group to be not less than £30.

The Minister has agreed that the pricing office shall base the net ingredient costs notified to the Executive Council for prescriptions submitted from May onwards

under those arrangements upon the pricindicated in the chemist's invoice or er dorsement. Chemists should therefore er dorse each prescription with the net co. of ingredients and attach the invoice wher possible. A reminder is given that the prescriptions should be sent in advance of the normal monthly bundle so as to react the pricing office not later than the first of the month following that in which the were dispensed, accompanied by a letter requesting special pricing. The arrangements for special pricing are to remain under review.

The monthly payment on account mad to a chemist (other than a firm under contract for the supply of appliances only) i respect of each prescription for May (an until further notice) is to be based on the chemist's average total cost per prescription (including container allowance) for May 1950, plus 5 per cent. to allow for the rise in the wholesale price of certain drugs and appliances since that time. The arrangement will be reviewed when the month on which payment on account based is next changed.

JOINT PRICING COMMITTEE'S REPORT

The report of the Joint Pricing Committee for England for the year ended March 31 states that the number of National Health Service prescriptions dispensed during the year 1950 cannot be accurately assessed owing to the backward state of the work. The number for the year stated by chemists to have been submitted was 200,906,984, which would bring the number of prescriptions dispensed by chemists since July 5, 1948, to 467,750,935. Of that number, payment had been certified in respect of 327 millions, leaving arrears of 140 million prescriptions to be priced. During the year the pricing of 145 million prescriptions was completed. "Apart from three bureaux where staffing difficulties or accommodation prevented it, steady progress has been made." For the country as a whole, the pricing of one month's pre-scriptions now took five weeks. Seven of the thirteen bureaux dealt with one normal month's work in a month.

Under the present system of pricing (by which all prescriptions of a net value of 5s. or more, and those requiring special treatment, are priced in full, while the remainder are priced according to the

average value found by pricing 20 pe cent. of them) it was estimated that 36 pe cent. of all prescriptions were priced in full. A continuous check, by which I pe cent. of all chemists' accounts were priced in full and the result compared with tha obtained by the modified method, shower that the modified method was accurate twithin a "very small margin." The longe the method was in operation the smalle the discrepancy, owing to compensating divergences from the true value. The divergence was less than I per cent. In 80 per cent. of the accounts examined. In no account was the difference as high a 3 per cent.

The staff that was employed had risen from 799 at January 1, 1950, to 941. Fifty four per cent. had less than two years service (the experience needed for any considerable output). Only 27.5 per cent. had more than three years' experience, and a number of those had to be employed solely in teaching recruits. Experiment had been conducted with the object of reducing the period of training, but it was found that the incidence of errors became too high to permit of any lessening of

e period. The concession in the pricing expensive prescriptions operative from ctober 1, 1950, had brought a larger mber of claims each month until they ere now "a problem" for the bureaux. he total administrative cost of the several reaux amounted to approximately 260,000 (equivalent to approximately

o.9 per cent. of the value of the prescriptions dealt with, or less than one half-penny per prescription).

So far as could be judged, the average ingredient cost per prescription had risen to approximately 24.od., inclusive of oncost calculated at 16 per cent. from May 1, 1950.

VITAMIN FOOD PRESCRIBED AS DRUG

HE Minister of Health has upheld the peal of a medical practitioner against a ling of the Local Medical Committee, to hich the matter was referred by the Exutive Council with which he was under ontract, that a vitamin preparation he ad prescribed for a patient was not a rug to be prescribed under the pharma-eutical services of the National Health ervice. The effect of the Minister's decion, which was based on the report of a oard of referees set up to examine the uestion, is to establish that a preparation lassed as a food may yet be legitimately rescribed as a drug if the circumstances arrant it.

The circumstances of the case were that doctor in Middlesex gave a patient three rescriptions for Marmite during 1949. In ebruary 1950 the Middlesex Executive Council informed him that they conidered that Marmite was not a drug formng part of pharmaceutical services pro-ided under the Act. On the doctor's re-uest the matter was referred to the local Medical Committee, which, greed with the Executive Council. loctor then notified the Ministry of Health hat he was dissatisfied with the finding of he Committee and the question was reerred to an independent board. At the rearing it was stated that the patient was in old age pensioner suffering from peripheral neuritis, nutritional in its origin.

Diagnosis Confirmed by Specialist

The doctor prescribed aneurin hydrochloride. In March 1949 a specialist confirmed the diagnosis and for specific treatment recommended vitamin B in the form of Bemax and Marmite. The doctor accordingly prescribed Marmite at the rate of rather less than ½ oz. a day until July. The specialist then recommended that the treatment should be continued, and it was continued until the following February, when the Executive Council informed the doctor that they did not consider Marmite to be a drug. He accordingly substituted

proprietary vitamin capsules for the Marmite, though he considered that the improvement in the patient's condition was thereby somewhat retarded. The Local Medical Committee maintained that Marmite was a food, ordinarily used as a food, and classified as a "compound food of specified vitamin content" in the first re-port of the definition of drugs subcom-mittee of the Standing Medical Pharmaceutical and General Practitioners Advisory Committee. The committee considered that if the doctor wished to administer vitamin B he should have prescribed capsulæ vitaminorum or aneurin hydrochloride. It was unnecessary to prescribe Marmite as well. The specialist was wrong in recommending it and the doctor wrong in following the advice of the consultant. The reply to that on behalf of the doctor was that the alternative drugs recommended contained less vitamin B than Marmite. The patient required not only vitamin B but also proteins.

The board of referees in its report said that it was satisfied that the doctor had prescribed Marmite medicinally, being honestly of opinion that in all the circumstances that was the best vehicle for conveying vitamin B to the patient. The food value of the Marmite in the quantities prescribed was, in fact, insignificant. For those reasons they held that the Marmite prescribed in the circumstances of the case was a drug forming part of the pharmaceutical services provided under the Act.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Wednesday, June 13

LONDON CHEMISTS' GOLFING SOCIETY, South Herts Golf Club, Links Drive, Totteridge, London, N.20. Golf fixture, Cards to be returned by 6 p.m.

Saturday, June 16

COMMERCIAL TRAVELLERS' BENEVOLENT INSTITUTION, Berners Hotel, Berners Street, London, W.1, at 12 noon. Half-yearly court of governors,

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quanties of standard quality. Prices of crude drugs and essential oils vary as to brand or grad

London, June 6

There is no falling off in the demand for Pharmaceuticals and Fine Chemicals and the market generally remains firm. Prices are still rising. An advance of 2s, has occurred in the rates of Ephedrine hydrochloride, while Ephedrine alkaloid and sulphate have risen by 1s, per oz. Makers of Lactic actid have announced an increase of 3½d, per 1b.; rates for Lactates are unchanged. Higher costs of raw materials have also been responsible for a rise in prices from June 1 of Magnesium carbonate and oxide advanced in price on May 15. The new rates for Borax and Boric actid which take effect on July 2 are given below; during June buyers will be supplied with normal monthly quantities at current rates.

The market for CRUDE DRUGS has been steady and quiet during the past week though firmness has been shown in drugs in short supply. IPECACUANHA remains scarce on the spot and for Colombian root 65s, per lb. is now asked. Nicaraguan shippers of ipecacuanha have experienced difficulty in executing contracts and there have been several defaults. Many dealers are anticipating a substantial Ergot crop in Spain and Portugal and speculative prices have been quoted at as low as 30s, per lb., c.i.f. Forward prices for Cape Aloes have sharply declined. Sumatra Benzoin is quiet and prices have been shaded. Camphor is short on the spot and prices are well maintained. Consumer buying of Menthol is negligible and the market is weak.

In the ESSENTIAL OILS market prices of Ceylon CITRONELLA and Indian LEMONGRASS have declined on the spot as a result of lower quotations from the origins. Slightly lower prices are quoted for spot Chinese Anise.

U.S. Drug and Chemical Report New York, June 1

PRICES of OXALIC ACID are well maintained in spite of only a moderate amount of interest in that market. Chlorine, Sulphuric acid, Sulphur and sulphur based chemicals remain scarce and firm. The supply position of raw materials for the manufacture of Tartates has deteriorated, Synthetic Ephedrine is in good demand. Nearly all the synthetic VITAMINS are in good request but, because of the scarcity of Pyridine, supplies of NICOTINAMIDE are tight. With the domestic supply situation acute efforts are being

made to import QUINOLINE for use in t manufacture of NICOTINIC ACID. Who salers and shippers are seeking PENIC LIN in good volume in anticipation of seasonal increase in retail sales in t autumn

The Crude Drugs market continues quecause of the high cost of obtaining placements from abroad. There are foffers of Senega and the market is fir Balsams have risen considerably in prompared with a few months ago and with only small quantities on offer quotationare mainly nominal. Chinese Menth prices are hardening but Brazilian mater is still selling at \$11.75 per lb. A freedom that the selling at \$11.75 per lb. A freedom in the selling at \$11.75 per lb. A freedom in the selling at \$11.75 per lb. A freedom in the selling at \$11.75 per lb. A freedom in the selling at \$11.75 per lb. A freedom in the selling at \$11.75 per lb. A freedom in the selling at \$11.75 per lb. A freedom in the selling at \$11.75 per lb. A freedom in the selling at \$11.75 per lb. A freedom in the selling at \$11.75 per lb. A freedom in the import price regulations which a side ably reduce the percentages of proallowed to importers. Mercury is easi in face of a limited demand. Interest the Essential Oils market is principal directed to Cturus oils. Very litt Orange is being offered from Florida a the bulk of this season's supplies will conform California; prices are expected rise. Italian orange prices remain his and are well maintained. Lemon and Liting are in short supply. A good flow perfumery essences have arrived fre France encouraged by the scarcity and high price of the French floral oils.

Pharmaceutical Chemicals

ACETANILIDE.—1-cwt. lots are 2s. 11 for crystals and 3s. per lb. for powder.

Ammonium carbonate.—Lump is 67s. 6 per cwt.; powder, 70s. 6d. Bicarbonate 65s. 4d, per cwt.

AMPHETAMINE.—BASE is from 65s, 68s., and Sulphate from 56s, to 59s, p lb., as to quantity. d-AMPHETAMINE from 650s. to 700s. per kilo.

from 650s. to 700s. per kilo.

Aspirin.—In good export demand. I the home trade 5-cwt, lots are now 4s. 7 per lb.; 1-cwt., 4s. 7½d. per lb. Schedulerates for quantities of 28-lb. and und 1 cwt. are from 5s. 4½d. to 5s. 8½d. p lb., as to pack. Current rates per 1,00 for Tablets are as follows:—Under 5,00 4s. 9½d.; 5,000 and over, 4s. 7½d.; 10,00 4s. 3½d.; 25,000, 4s. 4½d.; 50,00 4s. 3½d.; 100,000, 4s. 2½d.; 250,00 4s. 2d.; 500,000, 4s. 1½d.; 1,000,00 4s. 0½d.

Barium sulphate.—1-cwt. lots of B.l (x-ray) are now 1s. 5d. per lb. Schedule rates per lb. (containers in brackets) fe quantities between 28 lb. and 1 cwt. are follows:—1s. 8d. (28-lb.); 1s. 9d. (14-lb.) 1s. 9½d. (7-lb.); 2s. (1-lb.).

ISMUTH SALTS.—Current rates (per lb.) as follows :-

		I-cwt.	28-lb.	7-lb.
		s. d.	s. d.	s. d.
ONATE		27 8	27 11	$31 6\frac{1}{2}$
ATE	•••	23 6	23 9	26 10
CYLATE		23 3	23 6	26 5
ALLATE		24 5	24 8	27 10 2
ITRATE	•••	23 6	23 9	26 10

ENZOIC ACID. — Quotations are from 10d, to 3s. 5d. per lb. The SODIUM is from 2s. 8d. to 3s. 3d. per lb.

orax.—Revised prices for B.P. grade as I July 2, in quantities of 1 ton and ards are as follows:—Granular, 10s.; crystal, £51; powder, £52; extrapowder, £53 per ton, Prices of comcial range from £39 10s, to £44 per as to type and delydrated borry is as to type, and dehydrated borax is £60 10s, per ton. In 1-cwt, bags; car-e paid in Great Britain. Surcharges small quantities as previously (see ic Acid).

ORIC ACID. - Revised prices for B.P.. de as from July 2, in quantities of 1 and upwards are as follows :- Granu-#81; crystal, £88; powder, £85 10s.; ra-fine powder, £87 10s. per ton. In vt. bags; carriage paid in Great tain. Surcharges for smaller quantities: s than 1 ton but not less than 5 cwt., per cwt.; 3 cwt., 2s.; 1 cwt., 5s.

ROMIDES. — POTASSIUM (crystal), AM-NUM and Sodium in 5-cwt. lots are 7 3s. 5d. per lb.; 1-cwt., 3s. 6d.; 28-lb., 4½d. per lb. Potassium in powder is . per lb. more than above prices.

BUTYL CHLORAL HYDRATE. — Spot prices from 22s. 6d. to 25s. per lb., as to ntity.

ALAMINE.—1-cwt. lots are now 2s. Sd. lb. In increased demand.

ALCIFEROL. — Price of 1-kilo lots (in m. ampoules) is now 5s. 9d. per gm. HLOROCRESOL.—Pharmaceutical quality uoted at 5s. per lb. in 1-cwt. drums.

HLOROXYLENOL.—B.P. quality is quoted 3s. 9d. per lb. for 1-cwt. lots.

ITRIC ACID.—In good inquiry; British ers quote 1s. 9d. to 1s. 11d. per lb. 5-cwt. lots less 5 per cent.; 1-cwt.,

 $0\frac{1}{2}$ d. to 1s. $11\frac{1}{2}$ d. per lb.

THER. — Prices of TECHNICAL, B.S.S., SOLVENT, B.P., in winchesters are lb.) as follows:—10-cwt, lots, 5½d.; 5-cwt., 2s. 6½d.; 48-lb., 2s. 7½d.; b., 2s. 9d, Rates for ANÆSTHETIC, B.P. b. 28, 9d, Rates for ANÆSTHETIC, B.P., rinchesters are:—10-cwt. lots, 3s, 9½d.; tt., 3s, 10½d.; 1-cwt.. 3s, 11½d.; 72-lb., 0½d.; 36-lb., 4s, 2½d.; 24-lb., 4s, 4½d.; 1-lb. bottles, prices are 2½d.; in ½-lb. les, 7½d.; and in ½-lb. bottles, 1s, 4½d. lb. more than the above prices. In ns, prices are 1½d, per lb. less than esponding winchester prices. Content of the company of the c ers are charged and are returnable.

Ephedrine.—Prices rose on June 4. In 100-oz. lots Alkaloid is now 15s.; Hydro-CHLORIDE, 10s. 6d.; and SULPHATE, 11s.

LACTATES. — CALCIUM, B.P., is 2s. 9d. per lb. in 1-cwt. lots; 28-lb., 3s. 1d.; 7-lb., 3s. 5d. per lb. Calcium sodium, B.P., for the same quantities is 4s. 1½d., 4s. 5d. and 4s. 9½d, per lb. Lactic acto, B.P., in 12 winchester lots is 4s. 6½d., 6 winchesters, 4s. 10d. and 3 winchesters, 5s. per lb. Carboys are 4s. 5d. per lb.

Magnesium carbonate.—From June 1. HEAVY, B.P., in bulk packing, is 158s, per cwt. in 5-cwt. lots; 1-cwt., 167s. In quantities of 28-lb.-1-cwt., prices are from 2s. to 2s. 4d. per lb., as to pack. Rates for LIGHT, B.P., are unchanged.

Magnesium oxide.—In 28-lb, free tins 5s. per lb. is quoted; in 1-lb. tins, 6s. 3d.

Magnesium trisilicate. — In 28-lb. packages, quantities of under 1-cwt. are quoted at 5s. 1d. per lb. 1-cwt. lots are 4s. 4d. and 5-cwt., 4s. 2d. per lb.

Phenol.—Basic price for B.P. in drums from July 2 will be 1s. 6d. per lb.

QUININE. - Makers' rates (per oz.) to QUIAINE. — MARCES FALES (per 02.) to home-trade distributors are given below:—additional charges must be added for repacking, etc. ALKALOID, from 5s. to 5s. 6d.; ACETYLSALICYLATE, 6s. 3d. to 6s. 9d.; BISULPHATE, 3s. 7d. to 4s. 1d. DIHYDROBROMIDE and DIHYDROCILLORIDE, 4s. 1d. to 5s. 5d. FRANKITE 5s. 9d. to 4s. 11d. to 5s. 5d.; FORMATE, 5s. 9d. to 6s. 3d.: GLYCEROPHOSPHATE, and PHOS-OS. Sd.: GATCEROPHOSPHAFE, and PHOSPHATE, 5s. 5d. to 5s. 11d.; Hydrobromide and Hydrochloride, 4s. 6d. to 5s.; Salicylate, 4s. 8d. to 5s. 2d.; Sulphate, 4s. 6d.; Quinine and urea hydrochloride is quoted from 4s. 10d. to 5s. 4d.

ROCHELLE SALT.—Rates (per cwt.) for rowder or granulated material are: 5-cwt, lots, 200s.; 1-cwt., 202s. 6d. Smaller quantities are from 2s. 3d. to 2s. 6d. per lb. SEIDLITZ POWDER, ordinary strength, is 154s. 3d. per cwt. in 5-cwt. lots; 1-cwt., 156s. 3d.; smalls, from 1s, 10d. to 2s. 1d. per lb. Extra strong is 166s. 9d. and 168s. 6d. (smalls, 1s. 11d. to 2s. 2d.) for similar quantities, and double otherstress. similar quantities, and double strength, 173s. 9d. to 176s. per cwt. (2s. to 2s. 3d. per lb.).

Salicylic acid.—5-cwt, lots in bulk are now 2s. 9½d. per lb.; 1-cwt., 2s. 10d. Scheduled rates for quantities of 28-lb. and under 1-cwt. are from 3s. 41d. to 3s. 81d. per lb., as to pack.

SULPHOCARBOLATES.—SODIUM PHENOLSUL-PHONATE, B.P.C. (powder) is now 6s. 5d. per lb. in 28-lb. lots; 7-lb., 6s. 9d. per lb. ZINC, B.P.C., is 6s. 1d. per lb. (28-lb.); 7-lb., 6s. 5d. per lb.

Vanillin.—Current rates (per lb.) are as follows:—5-cwt. lots, 45s.; 1-cwt., 45s. 3d.; 56-lb., 45s. 6d.; smaller quantities, 45s. 9d.

Crude Drugs, etc.

Aloes.-Easier. Prime Cape on spot is quoted at 250s, per cwt.; for shipment, 190s, to 200s., c.i.f. Curação is quoted on spot at from 340s. to 350s.; no offers forward.

BENZOIN.—Quiet. No. 1 Sumatra block on the spot is quoted at £29 to £30 per cwt.; for shipment, £27, c.i.f. Siam free almonds (medium) are offered at 37s. 6d. per lb., ex warehouse.

BLACK HAW. - Tree bark is offered at 3s. 3d. per lb., ex store; for shipment from origin, 3s. 9d., c.i.f., quoted.

BUCHU. Short round leaves on the spot are offered at 2s. 2d. per lb., for shipment, 1s. 10½d., c.i.f. No ovals offering.

Camphor.—Chinese (B.P.) powder on the spot continues short and prices are from 6s. per lb., duty paid (5s. 6d. in bond); for shipment, 5s. 4½d. per lb., c.i.f. 4-oz., tablets on the spot are from 7s. 3d. per lb., duty paid.

Canada Balsam. — New-crop for June shipment is quoted at 26s, to 26s, 6d, per lb., c.i.f. On the spot, paper-filtered is nominal at 27s. 6d. per lb.

Capsicums.—Abyssinian are offering at from 160s. to 165s, per cwt., duty paid.

-1950 bark on spot CASCARA SAGRADA.is quoted at from 365s. to 375s. per cwt., duty paid. New-peel American bark for July-August shipment is quoted at 345s., landed, duty paid.

Chillies.—West African on the spot are quoted at 230s. per cwt.

Cloves.—Quiet. Zanzibar on spot, quoted at 3s. 9d. per lb.; for June shipment, 3s. 7d., c.i.f. Madagascar is nominally 3s. 6d. per lb., spot, in bond; forward, 3s. 3d. per lb., c.i.f.

Elemi.—A parcel of No. 1 on the spot is offered at 3s. 6d. per lb.

Gentian.—A fair inquiry is reported for spot; French is quoted at 130s, to 135s, per cwt.; for shipment, 120s., c.i.f.

Ginger.—African on the spot is 300s. per cwt.; afloat, 285s., c.i.f.; for shipment, 292s. 6d., c.i.f. Jamaican, No. 2, 510s. per cwt. and No. 3, 500s., spot; new-crop for shipment, No. 3, 480s., c.i.f.

GUAIACUM RESIN.—Spot quotations are in the region of 3s, 3d, per lb.

GUM ACACIA.—Kordofan cleaned sorts on spot, quoted at 135s. per cwt.; June-July shipment, resellers, 118s., c.i.f.; from the origin, 119s., c.i.f., quoted.

Karaya,—Superior No. 1 gum on the spot is 440s, per cwt.; No. 2, 330s.

IPECACUANHA. — Firm. Colombian now coming forward is quoted at 65s, per lb., ex warehouse; for July-August shipment, No offers of Nicar-58s. per lb., c.i.f. aguan root.

LIQUORICE. - Anatolian natural wl LIQUORICE. — Anatolian natural wroot on spot in London, quoted at per cwt.; decorticated, 110s. Rusnatural is 55s. per cwt.; double-pet decorticated, 125s., spot London. Synatural, whole, 47s. 6d., and cut, 55s. cwt., ex warehouse London. Belgian bjuice, 195s. per cwt. Turkish block jis quoted at from 158s. to 220s., dpaid, according to holder. Turkish sis 240s. per cwt. duty naid Italian st is 240s. per cwt., duty paid. Italian st 240s, to 475s, per cwt., duty paid.

MENTHOL.—Quiet. Chinese on the is from 90s. to 92s. per lb., duty paid bond, 86s.); for shipment from Hong Ke 83s., c.i.f., sellers. Brazilian, on the s 90s. to 91s. per lb., duty paid (86s. to in bond); June shipment, 81s., c auoted.

Nutmegs.—West Indian 80's, quoted 4s. 9d. and unassorted at 4s. per lb., warehouse. East Indian for shipment quoted at 4s, $9\frac{1}{4}$ d, to 4s, $9\frac{1}{2}$ d., c.i.f.

Orange Peel.—Firm. Stocks are rather on the spot. Spanish bitter quarquoted at 1s. 9d, and ribbon at 1s. per lb., duty paid. West Indian quart 1s. 6d, nor lb. Trivibility in the state of the specific per lb. 1s. 6d. per lb. Tripolitanian thin-cut bon, 2s. 2d. per lb.

PAPAIN.—East African No. 1 white spot is quoted at from 35s, to 38s, per Ceylon sun-dried on spot is 31s, per ll

Peru Balsam.—Firm. Spot is nom at 21s. per lb.; for shipment from origin, 17s. 6d., c.i.f., quoted.

Rhubarb.—Double Deer No. 1 is offe at 10s. per lb., duty paid (9s, 3d, in bot with other grades of good quality Chir rough round at from 8s, 6d, to 9s, lb., duty paid. Low grades and wor are from 3s, 9d, to 4s, per lb., duty p but supplies are becoming scarce.

Sabadilla seed.—A parcel now arrivis offered at 6s. 3d. per lb., duty r (5s. 9d. in bond).

Sarsaparilla.—Jamaican native red

dou; for shipment, 2s. 4½d. per lb., c SEEDS.—Turkish Anise is quiet; 150s, per cwt. is quoted in bond and 10 duty paid; Cyprus is 160s, per cwt., d free, all spot London. Caraway.—Du is easier; sellers are quoting 190s, per c duty paid, snot London. CELERY.—Ind is unchanged on spot at 1s. 10½d. per CORIANDER. — Market continues qu Morocco on spot is 150s. per cwt. bond and 160s. per cwt., duty paid. N crop for June-July shipment is easier w S7s. 6d. per cwt., c.i.f. London, quot Indian on spot is 167s. 6d. per c CUMIN. — Market remains unchanged spot though new-crop is somewhat eas Cyprus is 250s, per cwt. and Indi 247s. 6d. per cwt. Shipment (June-Jul; Cyprus, 155s, per cwt.; Indian, 160s. cwt.; Morocco, 150s. per cwt.; all c L.—Indian is quiet at 80s. per cwt., t London. Fennel.—Indian has been ing at 140s. per cwt., ex store London. wn both on spot and forward. Morocco 50s. per cwt., duty paid, in London or erpool, and 39s. 6d. per cwt. is now ted for July-August shipment.

ENEGA.—Old-crop on the spot is offer-at 27s, 6d, per lb. Business is reported e at 20s, per lb. for July-August ship-

nt. The market is easier.

Senna.—Spot, Tinnevelly No. 2 leaves, 5d.; No. 3, 1s. 4d.; No. 4, 1s. 2d. per Alexandrian pods on spot are from 6d. to 2s. per lb.; leaves for shipment, $0\frac{1}{2}$ d., c.i.f.

HELLAC.—Steady. Spot F.O.T.N., pure, s. F.O. Standard 1, 375s.; and fine

nge, 410s. to 480s. per cwt.

TYRAX.—Firm. Spot is from 9s. per duty paid, and 8s. 3d. in bond.

AMARINDS.—Calcutta on spot is 70s, per cent, stones) and 72s. (5 per cent.) cwt. Calcutta for shipment are quoted 63s. to 65s. per cwt., c.i.f., with a 10 cent. and 5 per cent. stone content, rectively.

OLU BALSAM. — Natural on spot is 6d. per lb., and B.P., 40s. per lb. ural from the origin is quoted at

6d., c.i.f. ONKA BEANS.→Frosted Para are quo-at 6s. 6d. per lb., and Trinidad at 7s., varehouse.

RAGACANTH.—Quiet. No. 1 ribbon on spot is £195 per ewt.; No. 2, £170; 3, £145.

URMERIC.—Madras finger is offered at s. per cwt., spot London; for shipment,

e-July, 87s. 6d.

ALERIAN.—Belgian on the spot is quo-at 182s. 6d. per cwt., spot. Indian is s, per cwt., spot; for shipment, 160s.,

., quoted.

VAXES .- Prices of BEES' have advanced the end of the crop in sight. Daradiam on spot is now 650s, per cwt.; e-July shipment, 600s., c.i.f. Benguon spot is quoted at 660s. per cwt., on sid (in bond, 620s.); June-July shipt, 550s., c.i.f. Sudanese on spot is s., duty paid (in bond, 600s); for ment, 550s., c.i.f. CANDELILLA.—More tiry reported. Spot supplies are offered 335s. per cwt., ex store. Carnauba.— t market has been quiet. Prime yellow, 1,200s. per cwt.; afloat, 1,150s., ; for June-July shipment, 1,130s., Fatty grey, 1,050s, per cwt.; affoat, 0s., c.i.f.; June-July shipment, 1,010s., Montan.—Scarce, Reibeck on spot is S. per cwt.; for shipment, 130s., c.i.f. ICURI.—Spot, 1.9 per cent., 895s, per; 1.3 per cent., 915s, Shipment quotas are lower: 0.5 per cent., 819s., and er cent., 790s. per cwt., both c.i.f.

Essential and Expressed Oils

Almond. — Expressed sweet oil (B.P.) on the spot is 6s. 3d. per lb. Bitter essential oil, s.a.p., on the spot, is from 24s. to 55s. per lb., as to grade.

Amber.—Rectified on the spot is quoted

at 1s. 6d. per lb.

Anise. — Spot quotations are from 13s. 6d. to 13s. 9d. per lb.; for shipment, 13s, 3d., sellers, c.i.f.

BAY. - West Indian from 15s. 6d. to 16s, 6d, per lb., as to quality.

BERGAMOT .- Scarce, Nominal on the spot at 85s, per lb.

Cade.—Spanish oil, B.P., on the spot is quoted at from 3s. 6d. to 4s. per lb.

Cassia.—Quiet. Spot is quoted at 28s. to 29s. per lb.; for shipment, 25s., c.i.f.

CITRONELLA.—Easier. Ceylon is offered at from 14s. to 16s. per lb., spot; for shipment, 12s., c.i.f. Java on spot is quoted at 17s. to 18s. per lb.; for shipment, 14s., c.i.f.

Clove.—English-distilled bud oil is from 30s. to 31s. per lb. Madagascar leaf oil to come forward, 15s. 3d. per lb., c.i.f.

Lemongrass.—Spot quotations are from 29s. 6d. to 31s. 6d. per lb. June-July shipment, 23s, 9d., c.i.f.

Lavender.—French, 38-40 per cent, linalol, on the spot is nominal at 55s, 6d, per lb.; 40-42 per cent., 58s. Spanish spike is from 28s. 6d, to 30s. per lb., on the spot.

Lime.—West Indian distilled is 67s. 6d. to 72s. 6d. per lb., nominal, spot.

NUTMEG.—English-distilled oil is about 55s, to 57s. 6d. per lb. Imported oil (B.P.) is about 37s. 6d. to 40s., duty paid.

Palmarosa. — For spot delivery from 58s. per lb. is asked.

Patchoull.—Quiet. Spot quotations are from 140s. to 150s, per lb.

Peppermint.—Chinese arvensis oil on spot is about 34s. 6d. per lb.; for shipment, 31s, 3d., c.i.f. Brazilian on spot is 30s. per lb. Italian "Mitcham" piperita is offering at 67s. per lb., with other grades of B.P. oil from 62s. to 70s. per lb., ex warehouse.

Petitgrain.—Paraguay on the spot is in the region of 37s. 6d. to 40s. per lb.

Pimento Berry. — English-distilled oil, 85s. per lb. Imported oil is from 45s. to 47s. 6d. per lb., spot.

PINE.—Pumilionis on the spot is quoted at from 18s. to 20s. per lb.; sylvestris is at about 16s. per lb., and Siberian (abietis) at about 24s. 6d. per lb.

SPEARMINT.—Spot quotations are from 58s. to 60s. per lb., duty paid.

Rosemary. — Spanish on the spot is from 10s, to 11s, per lb., duty paid.

LOCAL OFFICERS

RECENTLY elected officers of branches of the Pharmaceutical Society or other pharmaceutical organisations include:—

Durham County.—President, Mr. E. E. Pattison; Vice-president, Miss Joan Stacey; Treasurer, Mr. F. T. Richardson, and Secretary, Mr. L. Wood, Woodbine House, Old Hunwick, Willington, co. Durham.

Kings Lynn N.P.U. — Chairman, Mr. R. H. Bankes; Vice-chairman, Mr. H. Hart; Secretary, Mr. F. C. Bentley, 67 Gayton Road, Kings Lynn.

Leeds.—Chairman, Mr. L. W. Ryecroft; Chairman-elect, Mr. F. Mitchell; Treasurer, Mr. P. Dobson; and Secretary, Mr. J. Schofield, 400 Burley Road, Leeds.

Newcastle and Northumberland.— President, Mr. John Robson; Vice-president and Treasurer, Mr. A. McOlvin Laws, and Secretary, Mr. A. McGuckin, c/o 55 Grainger Street, Newcastle-on-Tyne, 1.

North Devon.—Chairman, Mr. A. Jones; Deputy Chairman, Mr. G. A. Coleby; Secretary, Mr. S. R. Wicks, 77 High Street, Bideford; and Treasurer, Mr. L. W. Henson.

Portsmouth.—Chairman, Mr. J. Elder; Vice-chairman, Mr. A. W. Dempsey; Treasurer, Mr. A. G. Tatford; Secretary, Mr. H. N. Griffiths, 51 Stakes Road, Purbrook, Hants.

South-west Association and Branches.— President, Miss D. Murgatroyd; Vice-presidents, Messrs. W. Dinsdale and D. J. Vosper; General Secretary, Mr. H. R. Edgecombe, 77 Atlantic Road, London, S.W.9; Assistant Secretary, Mr. D. J. Vosper; Treasurer, Mr. F. S. Copley; Social Secretary, Mr. W. Dinsdale; Trade Secretary, Mr. F. Lewis Watson; Chairman, N.P.U. Branch, Mr. W. E. Wragg.

Tees-side Branch.—All officers were reelected for a further term.

Thames Valley. — President, Mr. A. D. N. Hocking; Vice-president, Mr. H. Black; Treasurer, Mr. W. Griffiths; Association Secretary, Mr. H. Sullivan, 124 Ellerton Road, Surbiton, Surrey; N.P.U. Secretary, Mr. O. L. Crossley, 42 Richmond Road, Kingston-on-Thames.

Wembley Chemists' Association.— Chairman, Mr. J. K. Westerman; Vicechairman, Mr. P. H. Kirby; Treasurer, Mr. J. Cooper, and Secretary, Mr. F. E. Dee, 124 Slough Lane, Kingsbury, London, N.W.9.

TRADE MARKS

From the "Trade Marks Journal," May For chemicals for sanitary purposes (5).

STRAWSONIZER, 697,236, by the Stra Chemical Co., Ltd., London, E.C.4.

For all goods (5).
GAPLEGIN, 697,411, by May & Baker, 1
Dagenham,

For baby soothers (10).

OLITA, 695,955, by William Oliver's (Rub Ltd., London, E.17.

For surgical appliances for the feet (10). PEDAIR, 696,175, by Pedair Foot Appli Service, Hove.

From the "Trade Marks Journal," May: For industrial, scientific, photographic, agricul and horticultural chemicals (1),

ALCOTEX, 695,588, by Revertex, Ltd., don, E.C.4.

For agricultural and horticultural chemicals HAWMAC, 696,841, by Plant Protection, Yalding,

For non-medicated toilet preparations (3), MORANA, 694,302. by Moore's (Sheffield), J Sheffield, MADCAP, 696,181, by W. J. Bu Co., Ltd., London, E.8.

For buttermilk soap (3).

KARNEMELK ZEEP on label device, 692 by N.V. Zeepfabriek "Het Klaverblad," trading as Parfumerie Joyzelle & Tarsávon Haarlem.

For cosmetic containers (3). IPSO, 697,321, by Ipso, Ltd., Lichfield.

For non-medicated hair lotions (3). GLUG, 697,630, by Riché (Mayfair), Ltd., don, W.1.

For insecticides and deodorisers (5). MYSTOFLY, 696,033, by Robert Russell, S perton.

For pharmaceutical products for human veterinary use, medical and surgical plaster, daging materials, and disinfectants (exclubreath deodorisers) (5).

ADYSMENE, 695,518, by Cilag Aktieng schaft, Schaffhausen.

For sanitary chemical substances (5). AEROLEX, 695,909, by Civitas Trading poration, Ltd., London, W.1.

For medicated oils for external use on animals CHAMELEON, 696,073, by Potter & Ch Ltd., London, E.1.

For pharmaceutical preparations (5). AUDISEDAN, 696,284, by Coates & Cot Ltd., West Drayton. HEXAQUINE, 697 by Francois Georges Max Prevet, Paris. MIL TIN, 697,446, by Parke, Davis & Co., Det LIN-DYNE, 697,565, by James Hart (Chem Ltd., Bolton. SHARDNEL, 697,568, by I Donnelly, Liverpool.

For cough lozenges and mixtures (5).
PARELIX, 696,943, by Ethical Products,
Teddington,



In boxes of 6×1 cc. ampoules

CYTAMEN '20' 6/-(trade price 54/- per dozen boxes)

CYTAMEN '50' 9/-(trade price 81/- per dozen boxes)

CYTAMEN '100' 15/-(trade price 135/- per dozen boxes)

by injection... Cytamen

now crystalline vitamin B_{12} in solution available in three strengths and at a price far less than liver extracts

In bottles of 50 tablets, 7/6d. (trade price 67/6d. per dozen bottles);

500, 60/-(trade price 540/per dozen bottles) by mouth...

Cytacon

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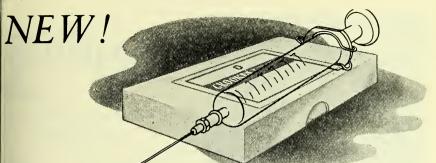
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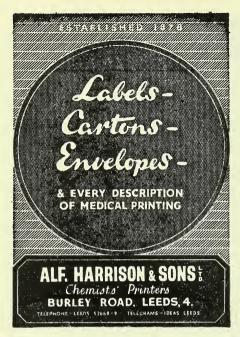
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NON-IRRITANT

active against a very wide range of organisms causing ocular infections

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10%, 20% and 30% in sealed, sterile $\frac{1}{2}$ oz. bottles with pipettes.



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16 oz. BOTTLE

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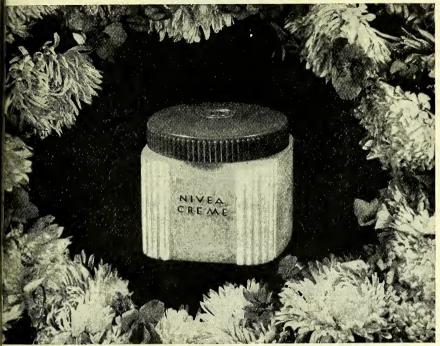
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A descriptive name, an unusually light-weight, and a good 4-oz. content. 'Poly-tainer' is already well-launched, and the unbreakable, opaque white Polythene jar has pride of place on many a smart dressing table. Glamour packs or Nivea mean new business for you, from the many dressing-table-conscious women who prefer their cream a jar. Your share of this new trade can be substantial.

How are your stocks? 'Poly-tainer' retails at 8s. 4d. per 4-oz. w, trade price 40s. per dozen, plus tax.

Skin needs NIVEA

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Tax free

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NESTLÉ'S HOMOGENISED FOODS GRAND WINDOW DISPLAY COMPETITION?

£3280

IN PRIZES DIVIDED BETWEEN SIXTEEN AREAS

IN EACH AREA THE PRIZES ARE

1st £100 2nd £50 3rd £25

plus other generous prizes.

Trade stockists who have not yet received a brochure giving details of the Competition are invited to obtain details from:

E NESTLÉ COMPANY LTD., SALES DIVISION, HAYES, MIDDLESEX

H IN ON THE COMPETITION THAT MEANS BIG PRIZES, BIGGER TURNOVER

More than half

your customers have false teeth!

RECENT STATISTICS show that, of the adult people of Great Britain:

48% have all natural teeth

32% have part false teeth

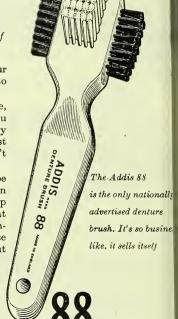
20% have all false teeth

52% of people have some form of denture

That means about half the people who come into your shop have false teeth! That's a big market for you to cash in on — do it by displaying the Addis 88!

Denture wearers will recognize its efficiency at once, for it not only is efficient, it looks efficient. But if you like, you can point out to them that an ordinary toothbrush is not the proper thing to use. It just won't do for cleaning dentures — the bristles aren't strong enough. It needs the Addis 88.

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SPECIAL BONUS OFFER FOR DERL DISPLAYS

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Dr. J. Collis Browne's Chlorodyne and The Pharmacy and Poisons Act, 1933

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Recommend Rayner's Lembar all the year hot or cold

Lemons

Glucose

Scotch Barley

Sugar

MADE BY RAYNER AND COMPANY LIMITED, LONDON, N.18

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ne time is drawing near. Start today planning your window display for is Big Prize Competition. Entry is REE. All you do is photograph e finished displays — which may inde other County products as well Brylcreem — and send us a print.

The hardest-selling, best-dressed windows will be the ones to win the prizes, and they must be on show for any 14 days during the competition period. This competition means bigger sales to you during these mid-year months, and the chance of winning a big prize.

£700
MUST BE WON

SEPARATE SECTIONS FOR CHEMISTS . . HAIRDRESSERS

1st PRIZE £100 in each section

2ND PRIZE £50 " " "

3RD PRIZE £25

and 50 Consolation PRIZES in each section of goods to the sales value of £3.10.0 each.

If you have not already received details, send a card today to COUNTY PERFUMERY CO. LTD., Honeypot Lane, Stanmore, Middlesex.



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Comfort with Economy



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SILCOT

SANITARY TOWELS

Silcot advertisements appear regularly in the leading women's magazines with a total circulation of over 12,000,000. This advertisement will appear in these magazines in the coming weeks.

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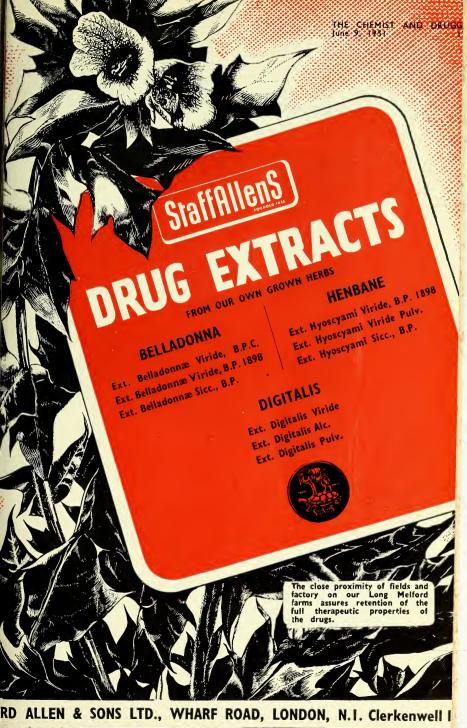
When you have a line which is an all-the-time seller, of good quality, competitive in price, in constant demand, nationally advertised, you have a very good line indeed. A line which helps your turnover. A line which brings in useful profits. A line which ensures regular repeat business...

. . . Such a line is

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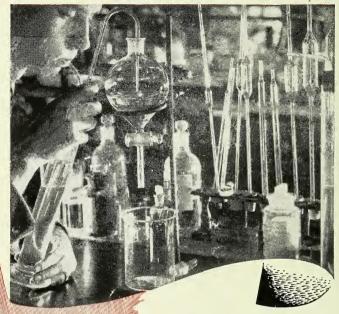
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SALICYLATES

have been a Monsanto

speciality for many years. When the German monopoly of aspirin left us short in 1914, it was Monsanto who manufactured aspirin in Britain. They now supply a considerable proportion of the nation's requirements.

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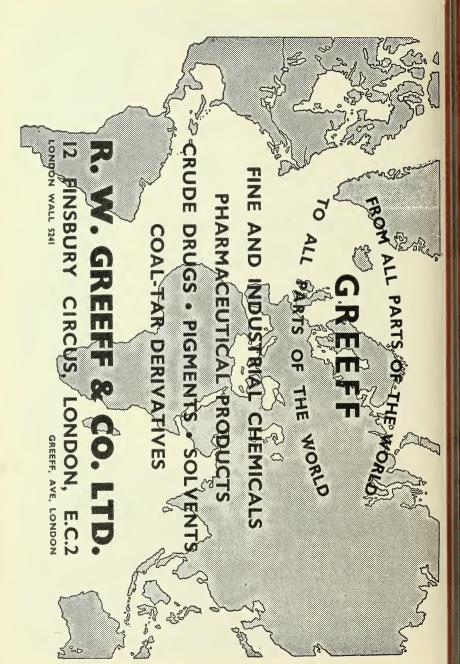
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Est. 1870

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Post your Picture to Post

Twenty million entry coupons altogether! And money for you in every one!

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Here's the special display material we will send you free: -



Stickers

 $1\frac{1}{3}'' \times 2\frac{1}{3}$



Are your snaps better?

POST YOUR PICTURE TO

£10.000

£100

A COMPETITION

FOR EVERYONE

THE SEVEN GROUPS

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5. Host ATTRACTIVE SIRIS

Post your picture to Leaflets

Sticker 6" wide

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Please send me free)
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	Stickers
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NAME	-
ADDRESS	

Make more money -

remind your customers -

Post your Picture to Post

BIGGEST SELLING FOOT AIDS



IN THE WORLD!

Now is the time when sales of Dr. Scholl's Super-Soft Zino-Pads go up and up. We offer you this effective Counter Stand to help you increase your share of foot comfort sales. The introduction of the new window-wallet 1/- size has made hundreds of thousands of new customers for Dr. Scholl's Zino-Pads and is making more every day. To see this pack is to buy it. Order and display all four sizes of Zino-Pads.

The Display Stand is free on request. Ask for Display Stand No. 889.

ORDER ALL FOUR SIZES

CORNS BUNIONS CALLOUSES SOFT CORNS

INCREASED PRICES

as from 4th June, 1951
If you have not received our completely revised price list, send for your copy to-day!

NEW PRICES NOW IN EFFECT

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Complete list of new prices on request.

IE SCHOLL MFG. CO. LTD., 182/204 ST. JOHN STREET, LONDON, E.C.I

A new cream shampoo by Silvikrin

that will sell-and repeat!

eream shampoo

BECAUSE

- It is a really first-class product with a genuine PLUS, plus *Pur Silvikrin*.
- 2 It is rich in lather, economica and easy to use.
- More and more women are do manding Silvikrin products the 'feed beauty into the roots of your hair'.
- 4 The Cream Shampoo market increasing all the time.

Fresh, Powerful Advertising

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COLOUR!

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The opening campaign will include:
Half page in the Daily Express (readership 10,300,000
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Newspapers.

Grand Introductory Offer

but you must act NOW!

Display this attractive Silvikrin Cream Shampoo Outer on your counter or in your window for at least 14 days and we will send you

- * with every 3 doz. 1/3 size tubes ordered: a credit note for 9/-
- * with every 3 doz. 2/- size tubes ordered; a credit note for 14/3

Don't hold up your Silvikrin Cream Shampoo order until you are ready to take other Silvikrin lines-you may lose the additional profit from this offer.

Don't wait for the traveller to call the Campaign Date is fixed and not far off. Take no risks.



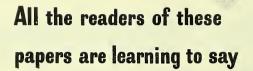
Trade Prices for Silvikrin Cream Shampoo

1/3 size 9/- per dozen, plus tax.

2/- size 14/3 per dozen,

OFFER CLOSES ON AT. 28th JULY 1951







- that's better!



Throughout the land, throughout the season, QUOSH Advertising helping your sales. 174 million Quosh advertisements are appearing th Spring and Summer in these nationally popular papers and magazine Poster advertising and free sales aids are also backing you up. All you customers will learn the phrase "Quosh—that's better!" They'll wait to try it. They'll look to you to supply it. Put your Quosh orders it early then, and benefit by bigger business. Quosh is made to Carter's of Coleford, makers of Ribena.

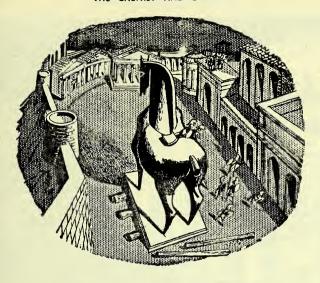
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To save supplies, our Distributors are authorised to credit their Deale with 6d. for every Quosh Carton, plus 2/- a dozen for Quosh 26 oz. bottle returned to them, carriage forward.

STOCK, SHOW, SELL THE QUOSH QUINS!

H. W. CARTER & CO. LTD., The Royal Forest Factory, Coleford, Glos.

'Phone: Coleford 3201



PENETRATING POWER

is more than half the battle

lowever potent an antifungal agent, it cannot be effective against "athlete's foot" rother fungous conditions of the body unless it readily penetrates the skin. 'Tineafax' Dintment contains zinc undecylenate (recognised as a highly efficient fungicide) in a base f exceptional penetrating power. Bland, non-irritant, non-staining, it clears most cases of thlete's foot in from 7 to 21 days. 'Tineafax' Ointment is issued in collapsible tubes of oz. (approx.); 'Tineafax' Powder, for prophylactic use, in convenient sifter-top tins. or dispensing purposes, 'Tineafax' Ointment is now issued also in jars of 1 lb.

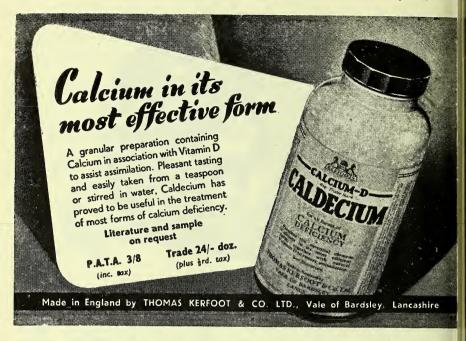
WHEN FUNGUS IS AFOOT . . .

Compound Undecylenate Ointment and Undecylenate Powder





BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON





THE SHAMPOO WITH SCALP PENETRATING ACTION

A NUCTA SPECIALITY PRODUCT

This attractive display stand carries the 8oz. Bottle which sells at 4/3½.

28/- per doz. plus tax

Also Full range of Toile Specialities.. Violet Oil, Hand Lotion, After Shaving Lotion

Obtainable from your usual wholesaler or direct from the manufacturers:-

STEWART, GOODALL & DUNLOP LTD. 1212 PRINCES STREET, EDINBURGH

Combined attack on tinea pedis





The combined use of Mycil Ointment and Mycil Dusting Powder provides effective non-mercurial treatment for athlete's foot and other fungal infections of the skin.

Mycil Ointment penetrates deeply to the site of infection. Mycil Dusting Powder protects against reinfection after clinical cure has been effected and is a useful agent with which to combat excessive perspiration.

'MYCIL' OINTMENT	Trade	Retail
in collapsible metal tubes	1/6	2/9 inc. P.T.
'MYCIL' DUSTING POWDER	1/6	2/9 inc. P.T.

Display cartons of 6 Ointment or 6 Dusting Powder are available

THE BRITISH DRUG HOUSES LTD. LONDON N.I

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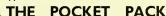


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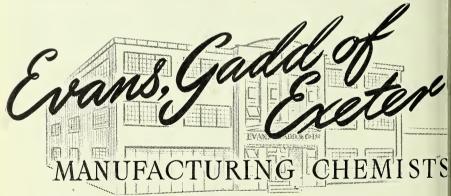
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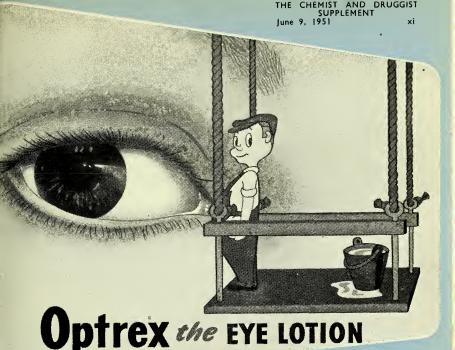
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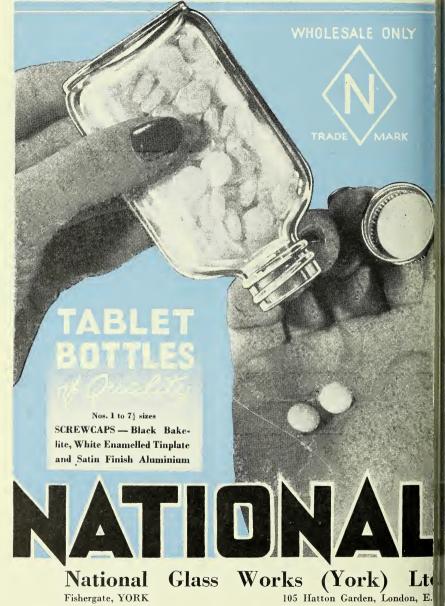
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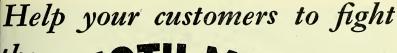
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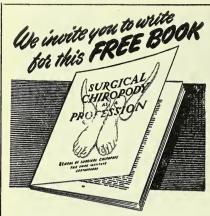
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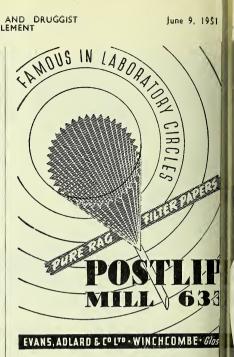
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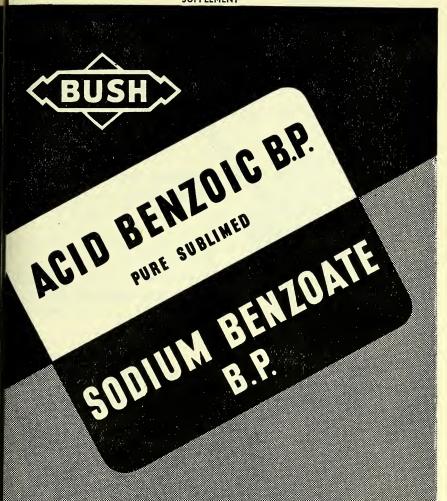


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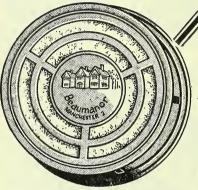
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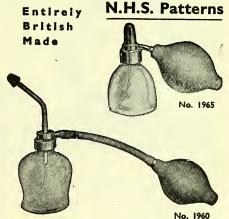
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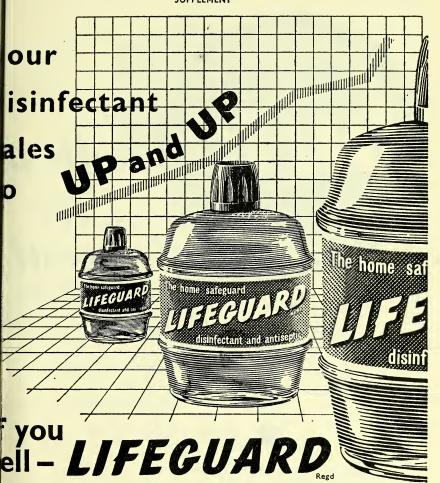
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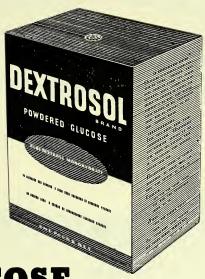
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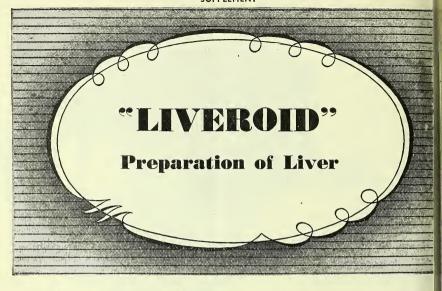
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A member of the Brown & Polson Group.



A concentrated preparation of the uncoagulated juice of liver, fortified with iron and glycero-phosphates.

"INVEROID" IS EMINENTLY SUITABLE FOR THE TREATMENT OF Pernicious Anaemia and all forms of Megalocytic Anaemia characterised by a high colour index.

Normocytic or Secondary Anaemias due to loss of blood.

Microcytic Hypochromic Anaemias in which iron therapy combined with liver is desirable.

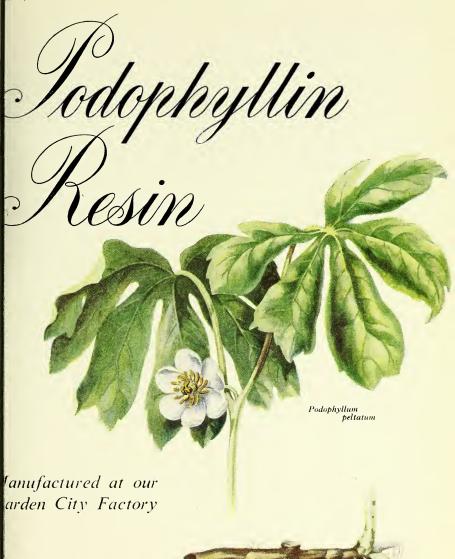
General Debility, Neurasthenia or weakness.

"LIVEROID" IS PLEASANT TO TAKE AND IS EASILY ADMINISTERED IN THE CORRECT DOSAGE

LITERATURE GLADLY FORWARDED UPON REQUEST

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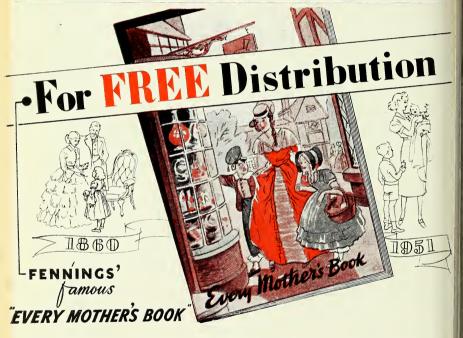
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IUNE 9, 1951





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